

D'YOUVILLE
UNDERGRADUATE
CATALOG
BUFFALO, NEW YORK

D'YOUVILLE COLLEGE UNDERGRADUATE ACADEMIC CATALOG 2009-2010

D'YOUVILLE COLLEGE
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2009-2010 CALENDAR

FIRST SEMESTER 2009

August 24	First Day of Classes
September 7	Labor Day (college closed)
September 24-27	Alumni Homecoming Weekend
October 12	Columbus Day (observed), Canadian Thanksgiving (college closed)
November 25-27	Thanksgiving Holidays
November 30	Classes Resume
December 7-12	Final Examinations
December 12	Final Day of Semester

SECOND SEMESTER 2010

January 18	Martin Luther King Jr. Day (observed - college closed)
January 19	First Day of Classes
February 15	College Closed
February 15-16	Winter Break (no classes)
February 17	Classes Resume
March 22-27	Spring Break (no classes)
March 29	Classes Resume
April 2	Good Friday (college closed)
May 8	Last Day of Classes
May 10-15	Final Examinations
May 15	Final Day of Semester
May 21	Baccalaureate Service
May 22	Commencement

Message from the President.....	3
D'Youville Today.....	4
Student Life	9
Admission.....	13
Expenses and Student Accounts Office.....	16
Financial Aid Office.....	19
Academic Policies and Procedures.....	31
Academic Programs.....	40
Courses of Instruction	47
Course Descriptions.....	113
Directories.....	140



PRESIDENT'S MESSAGE

Dear Friends,

The challenge of making good choices is a part of our everyday experience, and gives us an opportunity to achieve our life's goals. It is for this reason that selecting a college is a critical choice. It is a decision that ultimately impacts our future professionally, economically, socially, personally and spiritually. It also helps us enrich our lives, develop our talents and has an effect on people and the world around us.

For nearly a century, D'Youville College has provided a quality environment for students seeking an education that translates into successful careers and personal satisfaction. The faculty and staff are devoted to helping students achieve their academic goals in a supportive and dynamic atmosphere. This effort, a small class size and the opportunity to interact personally with faculty and students alike, form the basis of a well-integrated education which provides graduates with exceptional possibilities grounded in values based on the college's mission.

You will find our campus convenient and comfortable. You will find our faculty and staff friendly and available. At D'Youville you will be taught to think critically, and to communicate your knowledge and ideas persuasively. While these are key elements in preparing you for a profession, they are also skills designed to assist you in achieving personal growth and lifelong learning.

D'Youville College exists in an environment of mutual trust and respect. A strong heritage and mission, a gifted faculty, a responsive support staff, and motivated students are the ingredients of our success. The formula is simple and has withstood the test of time. You choose D'Youville, and D'Youville chooses you and together we influence, for the better, your life, the lives of those you love, and the society in which we live.

Sincerely,

Sister Denise A. Roche, GNSH, Ph.D.
President

D'YOUVILLE TODAY

D'Youville College is an independent, urban, coeducational institution. It provides liberal arts and professional programs for more than 3,000 graduate and undergraduate students in day, evening, weekend and summer sessions. The Grey Nuns founded D'Youville as the first college for women in Western New York. It became coeducational in 1971.

Under its 1908 charter of incorporation, D'Youville College is legally authorized to conduct an institution of higher learning and to grant recognized degrees. A self-perpetuating board of trustees has governed the college since a charter amendment in 1970.

The college offers bachelor's, master's, post-baccalaureate, doctoral and advanced certificate programs in a variety of disciplines and professions. Undergraduate programs are offered in the liberal arts and sciences, nursing, business and management, information technology, exercise and sports studies, pre-professional program, and education. Graduate programs are offered in nursing (community health nursing, family nurse practitioner, choice of clinical focus), education (elementary, secondary, special and TESOL), health services administration, international business, MBA, and occupational therapy. Dual/combined degrees are offered in dietetics, international business, physician assistant, information technology, and education (childhood, adolescence). D'Youville also features an early admissions assurance program for pharmacy, a special RN to BS/MS program and certificate programs in advanced orthopedic physical therapy, clinical research associate, family nurse practitioner, health services administration, long-term care administration and manual physical therapy.

D'Youville offers the Ed.D. in health policy and health education and in educational leadership. Professional doctorates are offered in chiropractic (DC) and physical therapy (DPT).

D'Youville is accredited by the Middle States Association of Colleges and Schools. The undergraduate and graduate programs in nursing are accredited by the Commission on Collegiate Nursing Education (CCNE). The combined B.S. in human occupation/M.S. in occupational therapy and the M.S. in occupational therapy are accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association, located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, Md., 20824-1220. The AOTA phone number is 301.652.AOTA. The three-year graduate D.P.T. program is fully accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE) of the American Physical Therapy Association and is registered with the New York State Education Department (NYSED). Refer to physical therapy department section of the catalog for CAPTE contact information. The M.S. in international business is accredited by the International Assembly for Collegiate Business Education (IACBE). The combined B.S./M.S. dietetics program is accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association. The combined B.S./M.S. physician assistant program is accredited by the Accreditation Review Commission on Education for the Physician Assistant Inc. ARC-PA. Programs of study are registered with the Office of Higher Education of the New York State Education Department. All programs in the department of education, leading to a New York state teacher certification, are accredited by Regents Accreditation of Teacher Education (RATE).

A campus-wide computer network with broad Internet access for students, faculty and staff offers a host of available software required for specific academic programs. Distance learning has been employed as a means of maintaining direct contact with students, even if they are physically removed from the campus.

D'Youville has a sound reputation for educating professionals for community service. The college introduced majors in sociology and business during the 1930s, and established Western New York's first baccalaureate nursing program in 1942. Traditionally a leader in education, D'Youville has a full range of undergraduate and graduate teacher education programs

Today, the tradition of excellence is maintained as D'Youville continues to offer and promote academic leadership, and responds to community needs. D'Youville College remains firmly committed to the personal growth and well-being of all those within its sphere of influence.

HERITAGE

D'Youville College is named for Marguerite d'Youville, an eighteenth-century Canadian woman whose love of God inspired her to spend her life responding to societal needs and finding creative ways of serving the poor.

She was born near Montreal in 1701. Marguerite was a widow with young children, who never neglected the poor. She was an astute and resourceful businesswoman, a compassionate friend, and a person whose life was deeply rooted in her trust in God. Other women joined in her efforts to offer asylum for the elderly, blind, orphaned and abandoned. Known as the Grey Nuns, Sisters of Charity, the group became one of the first congregations of religious women to be founded in Canada.

During her life, Marguerite assumed the responsibility for administering the General Hospital of Montreal, founded homes for the poor and aged, and cared for unwed mothers, orphans, and sick and wounded military men, regardless of their allegiance. She earned the title Mother of Universal Charity, insisting that, "The poor must know that we never refuse to serve." On December 9, 1990, she was declared St. Marguerite d'Youville in

St. Peter's Basilica, Rome.

D'Youville College seeks to continue the spirit of Marguerite d'Youville, especially by encouraging students to be proficient, innovative, resourceful, compassionate, and well-informed members of society.

CORE VALUES OF D'YOUVILLE COLLEGE

As a community of scholars, D'Youville College values the free exchange of ideas, and encourages diverse points of view and the rigorous examination of assumptions. Individuals must be prepared, through education, not only to meet the challenges of today, but also to address the challenges of the future. Excellent education is a contribution to the betterment of society. It offers students an academic experience, which helps them develop their potential and emerge as enriched human beings with a love of learning and a sense of responsibility for themselves and others. Through lifelong learning, educated people continue to search for truth, are committed to use their talents to contribute to the betterment of the local and world communities, and seek excellence in their personal and professional endeavors. D'Youville College holds that there are four foundation stones in an effective learning environment: academic preparation, practical experience, a consistent value structure, and a concern for the betterment of the community. The resulting educational process simultaneously shapes D'Youville graduates and the communities they serve. Every person is important; the college never refuses to serve.

MISSION STATEMENT

D'Youville College is an independent institution of higher education that offers baccalaureate and graduate programs to students of all faiths, cultures and backgrounds.

D'Youville College honors its Catholic heritage and the spirit of St. Marguerite d'Youville by providing academic, social, spiritual and professional development in programs that emphasize leadership and service. D'Youville teaches students to contribute to the world community by leading compassionate, productive and responsible lives.

GUIDING PRINCIPLES

SERVICE TO STUDENTS: The education of students is the primary reason for D'Youville's existence. All else is measured against its ability to obtain excellence in the educational process.

INDIVIDUALITY: D'Youville College recognizes that each person has intrinsic dignity and unique capabilities. It shows concern for all students and all associated with the college, and provides each individual with the opportunity and support to reach his or her highest potential.

FACULTY ROLE: The main right and responsibility of faculty is teaching and engaging in those scholarly and professional activities that support effective teaching.

SHARED DECISION MAKING: D'Youville strives toward decentralized decision making to take advantage of its professional capabilities. Personal growth and professional development are encouraged as important to organizational growth and the achievement of the college's mission. It is always moving toward greater decision-making power for, and involvement of, those associated with the college.

EQUITY AND FAIRNESS: The college community uses equity and fairness guidelines for all decision making. It demands personal and institutional integrity and fosters personal and institutional innovation and creativity.

PURSUIT OF EXCELLENCE: D'Youville pursues excellence in all chosen endeavors. There is an expectation of a high level of competence in all areas.

RESPONSIBILITY: Responsibility for one's self is considered an essential element of the learning process and is expected from all involved with the college. Students are given as much responsibility for decision making and actions as they are capable of handling.

HEALTH: The college finds it important to promote and maintain the physical and emotional well being of all those involved.

COMMITMENT: Commitment to the institution's growth and success is expected of all individuals associated with the college.

BALANCE OF COOPERATION AND PROFESSIONAL AUTONOMY: The college encourages cooperation among, and linkages between, programs and disciplines while recognizing the uniqueness of each. It respects the right of professional self-regulation and autonomy.

CONCERN FOR OUR NATIONAL AND SOCIAL ENVIRONMENT: The college community is responsible and accountable for fulfillment of the D'Youville College mission. However, in accomplishing that mission, it remains mindful of the public trust. The college is sensitive to the surrounding community and natural environment. It actively attempts to understand and positively influence the social, political and economic environments that impinge upon it.

CONTINUITY: D'Youville respects alumni and depends on them for the continuing success of the college.

DIVERSITY: The college recognizes the value of a diverse student body, faculty and staff, and the enrichment that diversity can bring.

ONE WORLD: Our future is with mankind; everyone has a responsibility to share knowledge and resources with those in the world who have less.

HONORS CONVOCATION

Honors Convocation is a unique event of the academic year. Its purpose is to recognize the academic achievements of some of the top students, as well as those students who not only achieve academic success but also show great leadership ability, service to the community and compassion for their fellow students.

Each academic department honors select students for their academic achievements. Scholarships are awarded by the Student Association, the Black Student Union and the Hispanic alumni of the college. The prestigious J. Warren Perry Scholarship is also awarded to a student in a health care program.

Students selected into *Who's Who in American Colleges and Universities*, Lambda Sigma (the sophomore honor society), Pinnacle (the adult student honor society) and Kappa Gamma Pi are also recognized.

Finally, the most prestigious awards that the college presents to students—the D'Youville Medal, the Lee Conroy Higgins Award and the St. Catherine's of Alexandria Medal—are also bestowed on three students.

HONORARY AWARDS

The D'Youville Medal is awarded annually to a senior who, exemplifying the spirit and ideals of the college, is deemed outstanding for achievement, service and loyalty to the college.

The Lee Conroy Higgins Award, presented annually by the alumni association, recognizes a senior for outstanding support of and involvement in campus activities and shows concern for fellow students.

The St. Catherine of Alexandria Medal, presented by the Buffalo Chapter of Kappa Gamma Pi, is awarded annually to a junior who is outstanding in scholarship and notable for service to the college and community.

Candidates for these awards are nominated by the faculty and employees of the college, with final selection by an ad hoc committee.

Department awards are conferred annually on those students who demonstrate mastery of subject content and exemplify service to the college and community.

THE COLLEGE COMMUNITY

D'Youville is a small, friendly college and plans to stay that way. It is small enough for people to know each other by name, but large enough to offer course choices and activities. The relatively low student-faculty ratio in many programs provides the opportunity for students to receive additional personal attention in and out of class.

FACULTY: Because D'Youville is a teaching college, faculty members regard instruction rather than research as their first priority. They hold degrees from leading universities in the United States and abroad, including Columbia, Bombay, Dublin, Berkeley and Toronto. They represent many ethnic and religious backgrounds, a diversity that adds to the richness of academic life at D'Youville.

STUDENTS: About 80 percent of D'Youville's students commute; the rest live on campus. Most are from New York State and nearby Canada, but there is a growing representation from other states and other countries.

COMMUNITY SERVICE

D'Youville is committed to developing liberally educated professionals. The college is a member of the Western New York Service Learning Coalition and continues to enhance service learning opportunities for students. Specific and committed service projects are many. The college engages in cooperative programs with the Buffalo Public School system on the childhood, adolescent and special education levels.

Service learning programs have been developed to link a student's classroom experience with real-world situations. Service learning is a mode of education that combines academic learning with community service. This work is integrated into the course content and is part of the student's evaluation and grade.

Campus Ministry offers many volunteer opportunities designed to encourage student, faculty and staff participation in the community. Specific volunteer efforts organized by Campus Ministry include: Habitat for Humanity, Adopt a Grandparent, servers for Meals on Wheels delivery, Lending a Hand (an intensive five-to-seven-day community service endeavor) and a variety of fundraisers for local community agencies. Campus Ministry also assists in connecting D'Youville College persons to local agencies with volunteer opportunities in Buffalo's West Side community.

COMMUNITY OUTREACH

The community outreach and grants administration office provides innovative and effective programs to benefit D'Youville College, its students and the surrounding West Side of Buffalo community. The office impacts its students and community by enhancing their quality of life, especially in the area of access to higher education and provides opportunities for collaboration between all K-16

systems and community-based organizations. The vision of the office is to make D'Youville a more respected, valuable and integral neighbor of the West Side community.

D'Youville College partners with Catholic Charities of Buffalo, The Belle Center and D'Youville-Porter Campus School #3 to implement a Youth Empowerment Program (YEP) to address the unhealthy behaviors of 35 at-risk minority middle school youth by providing academic tutoring, personal development and wellness activities, cultural enrichment activities, and career development activities. The mission of YEP is to prepare at-risk minority students to avoid negative behavior and, with parent, school and community support systems, be ready for the opportunities and the academic challenges of leading a health lifestyle.

The mission of D'Youville College's Upward Bound program is to increase the number of at-risk students at International Prep High School at Grover Cleveland High School who enroll and succeed in post-secondary education. The long-term and systemic effects of academic support services on the low-income students will be life changing, high impact and participants will acquire the necessary skills and support to complete an associate's degree and/or a four-year degree program.

The purpose of the Nursing Workforce Diversity program is to increase nursing education opportunities for individuals from disadvantaged backgrounds in order to increase nursing workforce diversity. D'Youville provides a nursing pre-entry preparation program by working with 25, tenth, eleventh and twelfth graders at Grover Cleveland High School, including mentoring, tutoring, career exploration, SAT preparation and character development.

The Leonardo DaVinci High School, a college-prep magnet school for the liberal arts, is housed

at D'Youville. DaVinci students participate in 28 collaborative programs including daVinci students taking D'Youville college courses for credit, high school/college student mentoring and tutoring programs, and a creative art program. Teachers from both schools collaborate with D'Youville faculty members on professional projects.

THE CAMPUS

KOESSLER ADMINISTRATION BUILDING (1874) This five-story building once housed the entire college. It contains administrative offices, the chapel, The Kavinoky Theatre, the Learning Center, faculty offices, classrooms, admissions, financial aid and reception rooms.

MONTANTE FAMILY LIBRARY (1999)

The library is housed in a magnificently renovated four-story building. It contains approximately 130,000 volumes including microforms and software and subscribes to over 700 print journals. The library boasts state-of-the-art computer reference capabilities for both in-house and off-site users including access to over 70 online databases. A reference collection, computers, wireless Internet connectivity and study rooms are available. The library provides both group-viewing and portable TV/DVD/VCR units. The software collection includes DVDs, videocassettes, compact discs, cassettes and other formats.

MADONNA HALL (1959) This five-story building houses the Leonardo daVinci High School, part of the Buffalo Public Schools system, on three floors, a dietetics lab/kitchen, archives and administrative offices. A large lounge is also available for meetings and social events.

ALT BUILDING (1967) Classrooms, laboratories, lecture halls and faculty offices are located in this seven-story, air-conditioned building. It also houses a curriculum resource center for the faculty of the division of nursing, established with funds from the James H. Cummings Foundation.

COLLEGE CENTER (1969) The center lives up to its name as the hub of campus social, cultural and athletic events. Its gymnasium, swimming pool, game room, fitness/wellness area, dining rooms, and meeting rooms also make it a popular site for community activities. Main dining facilities, a spacious lounge, some administrative offices and the college store are also located in the center.

MARGUERITE HALL (1968) The tallest building in the immediate area is this 12-story residence hall, which offers panoramic views of Lake Erie and the Buffalo skyline. The facility houses men and women on separate floors and includes a coed floor for part-time Canadian students. The residence life office, health center and the *D'Youvillian* (yearbook) office are located on the first floor.

NIAGARA ANNEX - 631 NIAGARA STREET (1991) This building houses vital administrative support offices. These include alumni, institutional advancement, human resources, personal counseling, publications and public relations. The facility is within easy walking distance of the Porter Avenue campus and helps integrate the college into the surrounding neighborhood.

BAUER FAMILY ACADEMIC CENTER (2001) The 57,000 square-foot, five-story Bauer Family Academic Center provides state-of-the-art classrooms, laboratories and faculty offices. It is an excellent learning environment for students.

STUDENT APARTMENT COMPLEX

(2005) The student housing complex opened in January 2005. Fully furnished studio and four-bedroom apartments with cooking facilities are available to juniors, seniors, graduate students and students 21 years of age or older. Each apartment has kitchen facilities; cable and computer hookups; secure, off-street parking; and laundry facilities. A computer lab is also available.

D'YOUVILLE EDUCATION CENTER

(2006) This one-story structure, adjacent to the West Avenue parking lot, houses five large classrooms and serves as an academic resource for the campus.

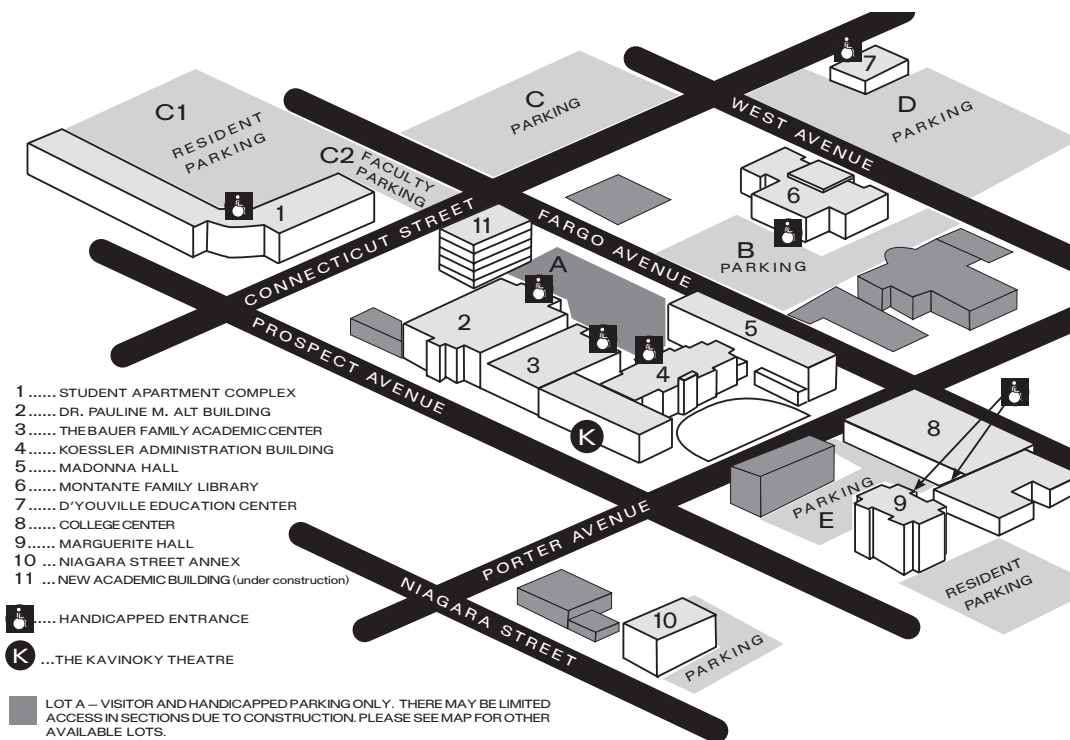
ACADEMIC BUILDING—UNDER CONSTRUCTION (2010)

Scheduled to open in spring of 2010 this 90,000 square foot building is the newest addition to the D'Youville Campus. It will house the pharmacy program and related offices, classrooms and labs, as well as the admissions offices and a state of the art student computer center.

DRIVING DIRECTIONS

D'YOUVILLE COLLEGE is located less than one mile from downtown Buffalo, near the Peace Bridge, the gateway to Canada. Off-street parking is available or you may park in any of our parking lots.

- If you are driving SOUTHbound on the Niagara section (190) of the NYS Thruway, exit EAST on to PORTER AVENUE-EXIT 9, turn LEFT on to Porter Avenue and continue to the college.
- If you are driving NORTHbound on the Niagara section (190) of the NYS Thruway, exit on to NIAGARA STREET - EXIT 8, turn LEFT on to Niagara then RIGHT on to Porter Avenue and continue to the college.
- If you are driving from CANADA, take the QEW, follow the signs to Fort Erie, then the Peace Bridge. After you go through U.S. customs, bear to the left and follow the signs to Niagara Street (266 SOUTH). Travel to the second light and turn left onto Porter Avenue. Continue straight (four traffic lights) to the college.



- 1 STUDENT APARTMENT COMPLEX
2 DR. PAULINE M. ALT BUILDING
3 THE BAUER FAMILY ACADEMIC CENTER
4 KOESSLER ADMINISTRATION BUILDING
5 MADONNA HALL
6 MONTANTE FAMILY LIBRARY
7 D'YOUVILLE EDUCATION CENTER
8 COLLEGE CENTER
9 MARGUERITE HALL
10 ... NIAGARA STREET ANNEX
11 ... NEW ACADEMIC BUILDING (under construction)

..... HANDICAPPED ENTRANCE

..... THE KAVINOKY THEATRE

LOT A - VISITOR AND HANDICAPPED PARKING ONLY. THERE MAY BE LIMITED ACCESS IN SECTIONS DUE TO CONSTRUCTION. PLEASE SEE MAP FOR OTHER AVAILABLE LOTS.

LOCATION

D'Youville's campus is less than a mile from the heart of downtown Buffalo and within walking distance of the Peace Bridge to Canada. It overlooks two parks and is near the city's greatest cultural centers: the Albright-Knox Art Gallery and Kleinhans Music Hall, home of the Buffalo Philharmonic Orchestra. The Kavinoky Theatre, known for its professional productions, is part of the D'Youville campus. Close to two exits of the New York State Thruway, D'Youville is only minutes away from beaches, ski resorts and the stadiums where the Buffalo Bills, Sabres, Bandits and Bisons play their home games.

CROSSING THE U.S./CANADIAN BORDER

Beginning June 1, 2009, American or Canadian citizens entering or re-entering the United States from anywhere in the Western Hemisphere will be required to show one of the following forms of identification:

- Current passport
- U.S. passport card
- Enhanced state driver's license
- Federally issued "trusted traveler" card such as the NEXUS or FAST

These regulations pertain to all land travelers over 18 years and air travelers of any age.

ALUMNI

D'Youville's alumni have a long history of support and loyalty to the college. Their personal and professional achievements have given the college an outstanding reputation. They have met D'Youville's standards and have contributed to the quality of health care, education, business and social services locally, nationally and in more than a dozen countries.

Graduates have given strong support to the college through the Alumni Loyalty Fund and through capital campaigns. Their gifts of time and money and their personal involvement in college activities over the years have helped make D'Youville a respected institution. Since the late 50s, the Annual Fund (formerly the Alumni Loyalty Fund) has provided budget-relieving money that is used by the college for financial aid to students and capital improvements. Alumni continue to participate in college-wide activities, serving on the board of trustees and various event committees.

Located on the first floor of the Niagara Street building, the alumni office is the liaison between graduates and the college in matters of alumni activities, including annual giving, surveys, placement, networking and recruitment. Alumni news is printed in the college publication *D'Mensions*.

ALUMNI ASSOCIATION

The Alumni Association is composed of more than 15,000 graduates. Criterion for membership in the association is graduation from the college. The purpose of the association is to promote fellowship among the alumni and to assist in advancing the best interests of D'Youville College. The association is led by an elected board of directors consisting of at least 15 members representing a spectrum of class years and disciplines. Included as non-voting members are the alumni director and two student representatives.

Knowing that involvement with students is not only rewarding but necessary for the vitality of the association, alumni leadership has made a commitment to admissions recruitment, sponsorship of career programs and recognition of student leadership and achievement. The association funds the Sister Mary Charlotte Barton Kinship Scholarships and has established an endowed scholarship to broaden alumni's support of current students. The board sponsors various fund-raising projects annually to underwrite the scholarships.

The association presents special awards annually. The Lee Conroy Higgins Award, the highest student honor, and the Alumni Service Award, recognition of alumni community involvement, are given at Honors Convocation. Membership in Delta Sigma, the Marguerite d'Youville Honor Society, is conferred jointly with the college board of trustees. The Anne Lum Award presented at Homecoming is the most prestigious honor bestowed on an alum.

ALUMNI ASSOCIATION OFFICERS FOR 2009-10

President: Thomas J. DeLuca '76
Vice-president: Rose Grierson St. Pierre, '83
Corresponding Secretary: (Mary) Carol Kelleher Herwood '52
Recording Secretary: Julie Brancato Marinaccio, '04
Treasurer: Claudia T. Krawczyk '90

Board Members

Courtney Charleson-Smith '99
 Michele A. Cook, MD '75
 Stephen T. Constantine '03, '05
 Cynthia Wierzba DeLuca '75
 Genevieve McNeil Dobmeier '52
 Kareen Gordon '06, '08
 Bridget Lynch Herod '84
 Deborah Zehr Huefner '98
 Patricia Kelly Losito, '85
 Carol A. Milazzo, '00
 Carmelina Manta Misercola '53
 Eileen Hanley Noworyta, '78
 Angeline Bruckler Padula '55, '78
 Nathan E. Phillips '85
 Michelle D. Swygert '98
 Nancy A. Vanderlinde '69
 Lauren Voigt '09
 Barbara Kanski Wier '67
 Chantal Kasmer Zambito '97
 Karen Rogers Ziemianski '83

Patricia Marino Smyton, '65, director, alumni relations, ex officio

Student Representative: Maggie O'Brien

STUDENT LIFE

NEW STUDENTS

New students will have many exciting challenges and opportunities as they begin their careers at D'Youville College. To assist in the transition, they may be invited to attend an orientation program specifically designed to meet their needs. There are orientation programs for freshmen, families, transfers and graduate students. At the orientation program, coordinated through Connections: Your Information and Resource Office (Bauer Family Academic Center, Room 101), students learn what is required for their program, course selection with an academic advisor, registration and information seminars.

The D'Youville Freshman Experience (DFX) is designed to assist the freshmen class. The first year will be exciting, fun and challenging. DFX will help students successfully deal with the adjustment issues that all freshmen face. Starting with orientation, freshmen are assigned a college mentor and are registered for FOCUS: Freshmen Seminar. In addition, there are specific activities and leadership opportunities designed for freshmen.

All new students (and their families) receive a copy of the New Student Handbook when they attend orientation. This publication contains essential D'Youville College information and is used as a guide during the orientation session.

RESIDENTIAL LIVING

Living on campus is a good way to make the most of one's college years. The convenience of being within a block of labs and the library makes it easier to use free moments for study or research. Being on the scene for campus activities, scheduled and unscheduled, makes it easier to attend events.

The most important benefit of living on campus is learning to share and to live with people from different backgrounds. New students become familiar with their new surroundings quickly and are soon sharing in the experience of campus life.

The atmosphere in a residence hall is different from that of any other place. Friendships somehow seem stronger; the college experience seems somehow more vivid.

D'Youville offers two styles of on-campus housing. Marguerite Hall houses up to 300 students in traditional double and single rooms. Each floor of this residence hall has a study lounge, a TV lounge and a kitchenette. Other amenities include a 24-hour computer lab, coinless laundry facilities, cable TV and 24-hour security.

A resident assistant (R.A.) is a student staff member who lives on and supervises each floor. The R.A. is responsible for programming activities, enforcing policies, distributing information and maintaining a positive living environment. They are available to answer questions, listen to students' concerns and help with the adjustment to D'Youville College.

The room and board charge includes three meals each weekday in the Porterview Room of the College Center and brunch and dinner on weekends.

Through Residence Council, students sponsor activities, review policies, make recommendations for change, maintain harmony and work together with the residence life staff to meet the challenges of community living.

The Apartments opened in January, 2005. This state-of-the-art residence complex can house 175 junior, senior and graduate students in fully furnished studios and four-bedroom apartments. Amenities in this complex include a 24-hour computer lab, recreation room, cable TV, coinless laundry facilities and 24-hour security.

A meal plan is not required or included for students in The Apartments. A meal plan can be purchased if desired and all residents of The Apartments receive \$225 in Spartan Bucks that can be used in the Porterview Room or the Spartan Spot Cafe.

RESIDENTIAL REQUIREMENTS

The college requires all freshmen who do not live within commuting distance of the college to reside on campus through their freshman year. Special exceptions to this rule can be applied for through the residence life office, although not all such requests will be granted.

Services to Students

ACADEMIC ADVISEMENT

Academic advisement is provided to each enrolled student directly by faculty either from the student's academic program or through the Academic Advisement Center. Throughout their years at D'Youville, students meet with their advisors to review progress in completing requirements necessary for a degree, certification, licensure and/or graduate work. To find out who your academic advisor is, contact your academic department, the Advisement Center or the registrar's office.

ACADEMIC ADVISEMENT CENTER

The Academic Advisement Center (AAC) assists students in their majors as they fulfill the requirements of their academic programs and the college. Currently, the AAC provides academic advisement for students in Career Discovery, health services/physical therapy, exercise sports sciences, nursing (freshmen and sophomores) and interdisciplinary studies. All students are welcome to make an appointment to discuss issues related to their academic challenges and interests. The center provides information on all undergraduate programs for students, families, faculty and staff. Appointments can be scheduled to meet with any staff member of the center. The AAC is located on the first floor of the Bauer Family Academic Center, Room 118.

ATHLETIC PROGRAMS

D'Youville, in cooperation with the Student Association, provides athletic opportunities to the college community at the intercollegiate, intramural and recreational levels.

The intercollegiate program is a Division III member of the National Collegiate Athletic Association (NCAA) and competes in the Allegheny Mountain Collegiate Conference (AMCC) and the Eastern College Athletic Conference (ECAC). D'Youville student-athletes are eligible for championship opportunities at the conference, regional and national levels. The college sponsors 14 intercollegiate sports teams: men's: soccer, basketball, volleyball, baseball, cross-country, tennis and golf; women's soccer, basketball, volleyball, softball, cross country, tennis and rowing. Intramural offerings for students include flag football, volleyball, basketball and ultimate Frisbee.

The D'Youville College Center is the home of D'Youville athletics. Inside this building students have recreational opportunities in the college's swimming pool, aerobics room, fitness facility and game area. In January 2003, a gymnasium opened with spectator seating for 500, indoor batting cages and new locker rooms.

CAMPUS MINISTRY

Campus Ministry seeks to provide a variety of opportunities for the development of the student's social, moral and spiritual potential while serving the various needs of the college community and its surrounding society. Campus Ministry encourages all members of the college to grow in personal spirituality and to volunteer time and talent so as to enhance campus and community life.

Mass and other worship services respecting various religious traditions are available on and off campus. A directory is published providing places and times or worship for both Christian and non-Christian churches and service organizations. In an effort to celebrate religious diversity, a variety of ecumenical experiences are also offered to the D'Youville community.

Campus Ministry offers a variety of programs throughout the academic year. Such programs include religious education, spiritual guidance, Bible study, counseling, retreats, social action programs, a service trip, social events and both short-term and long-term volunteer opportunities. Campus Ministry serves as a custodian for a databank in which volunteer hours of both D'Youville students and staff are logged for future verification and reference.

CAREER SERVICES CENTER

The D'Youville College Career Services Center assists undergraduate- and graduate-level students and alumni to prepare for the job market. Individual career counseling, resume/cover letter preparation, interviewing, job search advice and reference file services are available. Career-related classroom workshops, on- or off- campus career fairs and a job search reference library keep students updated on career trends. Internet access provides students and alumni with valuable job-hunting and employer-research assistance.

An alumni networking program connects students with alumni working in their field of interest. Additional services include scholarship and graduate school information, current full- and part-time job listings, and internship opportunities. A career preparation program is also available to students.

Based on responses from the 2007 graduate survey, 93.1% of D'Youville graduates were successfully employed or attending graduate school.

CONNECTIONS: Your Information & Resource Center

Connections is located on the first floor of the Bauer Family Academic Center, Room 101, the heart of student academics. The office accommodates all students and functions as a general student affairs office. Office hours during the fall and spring semesters are 8:30 a.m. to 7 p.m. Monday through Thursday, and 8:30 a.m. to 4:30 p.m. on Friday to accommodate both day and evening students, faculty and staff.

The office is a central point for college information. College ID cards and commuter parking hangtags are available as well as forms, applications, brochures, catalogs and information on local and regional places of interest. Additionally, students are able to return required forms to the office. The office will then deliver the information to the correct location the next day.

The office is concerned with the interests of all students and provides outreach to commuter, graduate, non-traditional and evening students. Suggestions, comments and concerns are welcomed. Students may stop by Connections or set up an appointment by e-mail at connections@dyc.edu or by calling 716.829.7766.

DAY CARE CENTERS

The college does not offer on-campus childcare facilities. The Childcare Coalition of Niagara Frontier, Inc., 716.877.6666, is an information and referral service on childcare services; pre-school, day care, before and after school extended programs; family day care providers; nursery schools; and quality and regulations. There is no fee for the coalition's service.

The Gateway-Longview Daycare Center is the most proximate daycare center to the college. It is located at 605 Niagara Street and can be reached at 716.883.4531.

FINANCIAL AID

The financial aid office is the key to obtaining all the aid possible to meet the expenses of a college education. Financial aid personnel will help determine what types of aid to apply for and will explain deadlines, requirements and conditions in accordance with federal and state regulations.

FRESHMAN MENTOR PROGRAM

In addition to an academic advisor, each new full-time freshman is assigned a mentor. The Mentor Program is designed for the student to work, one-on-one, with a D'Youville administrator or support staff member who has volunteered to assist new students in their transition to college life. Mentors are assigned to students through Connections, as part of the D'Youville Freshmen Experience.

GRIEVANCE PROCEDURE

The college is committed to the education and social development of its students. If, in the course of this complex educational process, a student feels he/she has been treated unfairly by a college employee, the college has both a standard grievance procedure and a grievance officer. In addition, there is also a postsecondary complaint registry. Students can refer to the student handbook for a description in detail.

HEALTH SERVICES

The health center, on the first floor of Marguerite Hall, provides information, health counseling, emergency treatment, tuberculosis screening, immunizations, health insurance information and printed materials. Clinics are offered Monday through Friday. A full-time nurse practitioner staffs the center. A complete pre-entrance physical examination, which includes the New York State immunization requirement, is required of all students. D'Youville College strongly recommends that all full- and part-time students have medical insurance. Medical insurance can be purchased during the first six weeks of each semester. Contact the health center at 716.829.8777 for information on individual and family policies. By federal law, all international students must carry health insurance coverage. International students will be billed directly by the college for this insurance, which will be managed through the health center.

Students pursuing clinical placements and/or other forms of training external to the college may be required to have health insurance and additional immunizations, depending on the off-campus placement. Students should check with their academic department for the specific requirement for each placement.

INTERNATIONAL STUDENT OFFICE

D'Youville College prides itself on its cultural diversity and is pleased to host students from over 30 different countries. With the ever-expanding international student population at D'Youville, the International Student Office (ISO) plays a pivotal role in helping those students with visas, I-20s, adjustment issues, orientation, obtaining Social Security numbers, post-completion optional practical training work visas, as well as other immigration matters.

The ISO is also involved in the international host family program, the international student club, the annual International Fiesta and many more cultural and immigration presentations on campus. The ISO is located in the College Center, Room 111, and office hours are Monday through Friday 8:30 a.m. until 4:30 p.m. All students are welcome and encouraged to stop in.

LEARNING CENTER

The Learning Center helps students meet their academic goals. Among the services offered by the Learning Center are tutorial assistance, academic counseling and instruction in reading, writing, science and math. The Learning Center also provides support and accommodations for students with learning disabilities. For further information, students may visit The Learning Center on the fourth floor of the Koessler Administration Building or may call 716.829.7690.

MULTICULTURAL AFFAIRS

The Office of Multicultural Affairs provides multicultural students with academic, social and personal support services. The office works to foster, within the college community, a respect and appreciation of the history, traditions and culture of all students, with a focus on multicultural groups. Toward this end, the office of multicultural affairs provides a range of programs and activities that includes lectures, seminars, historical tours, receptions, award ceremonies and festival events. Multicultural affairs also provides counseling and other support services to help students maximize their learning experiences and involvement in the campus community.

PERSONAL COUNSELING

Licensed and board-certified professional counselors are available for free, confidential, individual or group counseling sessions and consultation. Mental health counseling deals with issues related to growth, development and adjustment in personal, social and educational areas of concern. For additional information, including links to on-line mental health resources, visit the personal counseling Web site at www.dyc.edu under Offices and Services. Programs, including seminar workshops and stress relief clinics, are provided throughout the year to promote student mental and emotional health and positive well-being.

CAMPUS SECURITY

Information on the college's crime statistics are located at the U.S. Department of Education Web site, <http://ope.ed.gov/security>. You may also contact the vice president for student affairs at 716.829.8199.

STUDENT ACTIVITIES

The student activities office works closely with students, clubs, college departments and student leaders to provide the D'Youville community with entertainment, community service, recreational and leadership opportunities. These activities improve the quality of campus life, build a sense of community and compliment the academic experience. The student activities office staff understands that students who participate in campus activities and organizations perform better academically and remain in school at a higher rate than noninvolved students. These activities will allow a student to relax, explore new ideas, make life-long friends, develop career and leadership skills and just have FUN!

STUDENT ASSOCIATION (SA)

The D'Youville College Student Association is the voice of the student body that addresses student concerns and issues. The elected governing body of SA is the senate, which is comprised of four executive officers, committee chairpeople and class senators. All D'Youville College students are members of the Student Association and are welcome to attend the bi-monthly senate meetings. It is during these open meetings that decisions are made by the senate which affect the entire student population. Additionally, SA administers the student activity fee. These funds are used to finance club events, the college calendar, special events and athletics.

STUDENT ORGANIZATIONS AND ANNUAL EVENTS

D'Youville College provides an array of organizations, clubs and events for students to become involved in. They can join academic, cultural and recreational clubs, serve on campus-wide committees, contribute to student publications, perform in the arts, attend numerous exciting activities and take advantage of many volunteer opportunities. These wonderful experiences allow students to develop leadership skills, make friends, receive recognition, meet faculty and staff and enhance their academic experience. Interested students are encouraged to participate in these activities upon their arrival at D'Youville.

STUDENT ASSOCIATION RECOGNIZED CLUBS AND ORGANIZATIONS

Alliance
 Athletic Committee
 Black Student Union
 Campus Ministry Club
 Catalyst (student newspaper)
 Colleges Against Cancer
 Commuter Council
 D'Youville College Sociology Club
 D'Youvillian (yearbook)
 D'Youville Chorale
 D'Youville College Ski Club
 F.E.A.S.T.
 International Club
 Issues Committee
 Kappa Delta (History Club)
 Lambda Sigma Honor Society (sophomores)
 Math and Natural Sciences Club
 Pi Theta Epsilon
 Poet (student writings)
 Pre-Pharmacy Club
 Programming Committee
 Public Relations Committee
 Residence Council
 Sigma Theta Tau
 Student American Chiropractic Association
 Student Association
 Student Athlete Advisory Committee
 Student Dietetics Association
 Student Nursing Association
 Student Occupational Therapy Association
 Student Physical Therapy Association
 Student Physician Assistant Association
 Student Psychology Association
 Students in Free Enterprise (SIFE)

ANNUAL EVENTS

Welcome Week Events
 Bellypalooza
 International Luncheon
 Black History Month
 Club Day
 Leadership Conference
 Welcome Back Blast
 Theatre Nights
 Gospel Sensations
 Spring Fling
 Moving-Up-Days
 Coffeehouses
 Women's History Month
 Homecoming
 Family & Friends Weekend
 Game Shows
 Kwanzaa Celebration
 Spartan Mayhem
 Sporting Event Excursions
 Various Entertainers

THE KAVINOKY THEATRE

Now celebrating their 30th anniversary, The Kavinoky Theatre, owned and sponsored by D'Youville College to promote the cultural richness of both the campus and the wider community, is a fully professional company presenting a season of six plays each year in its beautifully restored Edwardian auditorium. The Kavinoky presents a wide variety of works, from classic dramas and musicals to world and regional premieres of important and emerging writers. D'Youville College students may purchase tickets for Kavinoky performances at greatly discounted prices.

DISABILITY STATEMENT

D'Youville College attempts to assist employees and students on individual concerns they may have while they work or learn at the college. Individuals with disabilities, who provide appropriate documentation, will be provided with reasonable accommodations to assure access, independence and full participation in the mainstream of the educational and work process.

For more information, contact the coordinator of disability services at 716.829-7728.

VETERANS AFFAIRS OFFICE

The office is designed to assist the veteran and the active/reserve military personnel in applying for and understanding the benefits they are eligible for under the various chapters of the GI Bill. The office will further serve as a conduit of information relative to issues, concerns and legislation affecting the student-veteran or service member. The Veterans Affairs Office (VAO) will also assist these students in their transition to the college. Located in the Bauer Family Academic Center, room 312, this office is directed by a combat veteran from the Vietnam War. The director of veterans affairs can be reached at 716.829.7836.

ADMISSION

ADMISSIONS PROCEDURES AND POLICIES

Admission to D'Youville College is moderately competitive. The selection process attempts to identify those qualified men and women who will benefit most from the wide variety of academic and extracurricular programs that the college offers.

Full-time enrollment or status means the student is registered in a specific degree program and carries 12 or more credit hours. Part-time enrollment or status means the student is registered for fewer than 12 credit hours and may or may not be enrolled in a specific degree program. Students should note that part-time enrollment may effect the status of their financial aid.

All students are required to select an academic major at the time they apply to the college. Students who are interested in attending D'Youville College, but prefer to (or must) delay their commitment to an academic major, can be admitted through the Career Discovery Program.

1. D'Youville College maintains a "rolling admissions" policy whereby applications are processed continually throughout the year, except for the physician assistant program, which requires a deadline date for application.
2. Acceptance is conditional until final semester/year grades have been submitted.
3. A reservation deposit of \$100 (\$150 for chiropractic, occupational therapy, physical therapy, dietetics and physician assistant) must be paid in U.S. funds by the date and/or time indicated on the acceptance letter. This deposit will be applied to the first semester's tuition.

4. A completed physical examination form (including documentation or records of immunization) is required of all students prior to registration. The college reserves the right to refuse admission to classes or to the residence hall to any student who fails to comply with this policy.
5. All entering freshman and first-time transfer students who have not completed a bachelor's degree will be required to take D'Youville's Skills Assessment Inventory (SAI) examination prior to registration. The SAI is used as an advisement tool to help identify any academic deficiencies of the student.
6. Applications and all supporting documents become the property of D'Youville College and cannot be returned to the applicant.

FRESHMAN ADMISSION

While D'Youville College does not require completion of specific high school subjects for general admission, it believes that the best foundation for college-level work is the traditional college preparatory high school program consisting of subjects in English, natural science, social science, mathematics and/or foreign language. However, certain programs do have specific admission prerequisites (see: Courses of Instruction). Applications are evaluated on the following basis:

1. Academic performance based on an official high school transcript from an accredited high school with a minimum of 16 credits/units or evidence of completion of a general equivalency diploma.
2. Official transcripts from post-secondary schools are also required if the student has completed coursework for advanced college credit through an institution of higher learning while still attending high school.

3. Scores from the Scholastic Aptitude Test (SAT) and/or American College Test (ACT).
4. Rank in class (if provided by high school).
5. Recommendations* (optional).

For certain majors, prior experience in the field or area of specialization (recommended, not required) is considered.

** Recommendations are required for physician assistant candidates and must be submitted only on the reference form provided as part of the P.A. application.*

FRESHMAN APPLICATION PROCESS

Applications will be processed when the following items have been forwarded to the office of admissions:

1. A D'Youville College application form or online application and a \$25 (U.S. funds) non-refundable processing fee. Checks payable to: D'Youville College—Application Fee.
2. Official high school transcripts and/or proof of completion of the GED, as well as any transcripts for any post-secondary courses completed.
3. Results of the SAT or ACT testing (SAT or ACT test scores are often recorded on the student's high school transcript).

HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP)

The Higher Education Opportunity Program (HEOP) is sponsored jointly by D'Youville College and the New York State Education Department. This program provides financial aid, academic, personal and career counseling to academically and financially disadvantaged students for up to five years of undergraduate study. Students who have demonstrated potential and motivation to earn a college degree are encouraged to apply. Applicants must be New York state residents, first-time college students or transfers from an EOP/HEOP college program.

PERSONAL INTERVIEW

Although a personal interview in most programs is not required, it is highly recommended. Appointments can be made by writing, e-mailing or calling the office of admissions. The college admissions e-mail address is admissions@dyc.edu. Phone 716.829.7600 or toll-free 1.800.777.3921. Only candidates for the physician assistant program will be contacted on an individual basis by the P.A. program office for a departmental interview during the application process.

TRANSFER ADMISSION

Individuals who have attended an institution of higher learning following high school graduation are considered transfer applicants if they have accumulated a minimum of 12 credit-hours. Grades of P, S, CR, etc., do not count as credit-bearing courses. Admission to D'Youville College as a transfer applicant is based on the following:

1. Academic performance based on all previous college credit earned from an accredited institution(s). Minimum grade point average (G.P.A.) for acceptance will vary based on the program of interest.
2. Competitive ranking among other applicants (for certain majors).

TRANSFER APPLICATION PROCESS

Applications will be processed when the following items have been completed/forwarded to the office of admissions:

1. A D'Youville College application form or online application and a \$25 (U.S. funds) non-refundable processing fee. Checks payable to: D'Youville College—Application Fee.
2. Official transcripts from any and all colleges and universities previously attended.
3. Letters of recommendation (for certain majors).
4. A personal interview (for certain majors).

TRANSFER CREDIT POLICY

D'Youville will grant maximum credit consistent with the core curriculum and the requirements of the program/major into which the student transfers. Previously earned credits may be used for degree requirements if an equivalency of the course is established. Courses accepted for credit require an earned grade of C or above with some majors requiring higher grades for specific courses. Students accepted for admission will receive, by mail, an evaluation of their transfer credits as well as any course requirements needed to complete a D'Youville degree.

Students may transfer up to one-half of the major requirements and all the core requirements. Students must, however, complete a minimum of 30 semester hours at D'Youville and meet all course requirements of their department (major) and the general college requirements for graduation. No more than 65 credits may be transferred from a two-year college or its equivalent unless transferred under an existing and functioning articulation agreement between D'Youville College and another institution.

Students entering D'Youville College holding a B.A. or B.S. from another accredited institution are not required to meet the core curriculum requirements. However, they must make up any prerequisites required of the major or program and complete at least one-half the major course requirements at D'Youville as well as fulfill all other policies and requirements pertaining to the degree.

RE-ADMISSION

Any student who previously attended D'Youville College and had withdrawn, officially or by failing to register for a successive semester, must apply for re-admission through the office of admissions. Re-admitted students are responsible for the graduation requirements and academic policies that exist at the time of readmission.

Previously enrolled students who have been dismissed from the college may not apply for re-admission for at least three years after their dismissal. An application for re-admission should include an explanation of the reasons why re-admission should be considered at this time, along with supporting evidence.

FRESH START RULE

1. An undergraduate student who re-enrolls at D'Youville College after an absence of five or more years may petition the registrar to re-evaluate all course work attempted in the student's previous residency. If the petition is approved, all courses taken will remain on the permanent record. Those with grades of C- or higher or S (satisfactory) will be counted for credit; all others will not.
2. If the petition is approved, the student resumes his/her academic program with no cumulative quality point ratio and, therefore, is subject to the conditions of warning, probation and dismissal that govern all students.
3. Under the provisions of this rule a student, prior to graduation, must be re-enrolled for a minimum of 30 credit hours.
4. All courses ever taken at D'Youville College will be used in the calculation of the cumulative quality point ratio required for graduation with honors.

ADULT STUDENT ADMISSION

Adult or "returning" students are those who have been out of high school for two years and are now looking to enter college to start or complete a degree. Adult students are regulated by the same procedures as FRESHMAN or TRANSFER students depending on their educational history. In addition, adult students should be aware of the following:

1. Returning adults may choose to apply to any of the degree programs now offered or through the college's ADVANCE Adult Degree Completion Program (see business management on page 76).
2. SAT and/or ACT scores are not required for students who have been out of high school for one year or more. For students who have been out of high school for five years or more and who are applying to physical therapy, occupational therapy, dietetics or the physician assistant programs, these scores are not required. Prior experience and strength of recommendations will replace standardized tests.
3. Notification of veteran status (if applicable) is required on the application. Letters of recommendation from an employer, former employer or supervisor and a personal interview are optional. The exception to this requirement is in the physician assistant program which requires three letters of recommendation. If qualified, P.A. applicants will be contacted on an individual basis for a personal interview.

SENIOR CITIZEN ADMISSION

Space permitting, individuals 65 and older may enroll, tuition free, for any course offered during the school year as a non-matriculating student. Senior citizen students are responsible for the college's general fee, except residents of Mary Agnes Manor and Santa Maria Towers for whom this fee is waived.

INTERNATIONAL STUDENT ADMISSION

D'Youville College is home to students from several countries. International students are regulated by the same procedures as American nationals with the exception of a required Test of English as a Foreign Language (TOEFL) score for admission.

INTERNATIONAL STUDENT FULL-TIME ENROLLMENT REQUIREMENTS

According to federal regulations, an alien seeking to study may be classified as a student (F-1 non-immigrant) only if he/she intends to pursue a full course of study at an approved school.

INTERNATIONAL STUDENT APPLICATION PROCESS

All prospective international students must request an application packet from the D'Youville College office of admissions. For international application materials, visit the D'Youville College Web site at www.dyc.edu or contact:

International Admissions /
D'Youville College
320 Porter Avenue
Buffalo, New York 14201
Tel: 716.829.7600 / Fax:
716.829.7900
E-mail: admissions@dyc.edu

After receipt of application materials all prospective international students must complete the following items and return them with the appropriate fees:

1. D'Youville College application
2. \$25 application fee in international money order or check drawn on a U.S. bank
3. International Financial Form of Support
4. An evaluation of all official transcripts/school records of secondary education and university work must be translated into English.

Evaluations may be accomplished by completing the World Education Services (WES) application provided by D'Youville College or contacting the following:

World Education Services, Inc.
Post Office Box 5087, Bowling
Green Station
New York, New York 10274-
5087
Tel: 212.966.6311 / Fax:
212.7390.6100
E-mail: info@wes.org
Web page: www.wes.org

Test of English as a Foreign Language (TOEFL) results should be sent directly from the Educational Testing Service. Satisfactory completion of an English language program at ELS Language Centers will be accepted in lieu of the TOEFL. Students must achieve a minimum score of 500 written, 173 computer based or 61 Internet on the TOEFL. To receive study materials and all information pertaining to the TOEFL, including how to schedule an appointment by telephone, visit the TOEFL Web site at www.toefl.org or contact:

TOEFL Services, Educational
Testing Service
Post Office Box 6151
Princeton, New Jersey 08541-
6151
Phone: 609.771.7100
Fax: 610.290.8972

To receive information pertaining to ELS Language Centers, including a program catalog and center locations in the U.S. and around the world, visit the ELS Web site at www.els.com or contact:

ELS Language Centers
400 Alexander Park
Princeton, New Jersey 08540-
6306
Tel: 609.750.3500
Fax: 609.750.3597
E-mail: info@els.com

A \$500 tuition deposit, the international financial form and bank statements in U.S. funds must be submitted before any new international student will receive a Federal Form I-20.

A decision regarding admission to D'Youville College will be rendered once all documents have been received, reviewed and evaluated by the office of admissions. The D'Youville College director of admissions will send a letter of that decision via post. Once the student is admitted, a signed letter of acceptance will be included as part of the D'Youville College enrollment packet. The enrollment packet will contain all the necessary materials to complete the enrollment process. The packet will contain the following:

1. Directions on how to wire and transfer school fees into D'Youville College's account
2. Directions on how to get to D'Youville College, including airport information
3. Mandatory Student Health Insurance Application (must be completed and returned to D'Youville upon arrival)
4. Candidate's reply form
5. Health information letter and directions from director of health services
6. Health Center Immunization Report
7. Athletic department information
8. D'Youville College Guaranteed Tuition Plan
9. International Financial Form of Support

All students currently being admitted to D'Youville College from a country other than the United States will need to be issued a Federal Form I-20. The I-20 is needed in order to obtain an F-1 student visa from the American embassy in the student's home country. An I-20 will only be issued by D'Youville College when the following two items have been submitted by the application to the office of admissions:

1. A \$500 tuition deposit (U.S. funds only)

2. The International Student Financial Form, including all bank statements verifying a student's financial assets are sufficient enough to cover the cost of attending school.

In the event that a student does not qualify for an F-1 student visa, the \$500 deposit will be immediately returned.

INTERNATIONAL STUDENT SCHOLARSHIPS

All international students entering D'Youville as freshmen (high school graduates) MUST submit Scholastic Aptitude Test (SAT) and/or American College Test (ACT) scores to be considered for the college's Instant Scholarship Program. Information on the SAT is available at www.collegeboard.com. Information on the ACT is available at www.actstudent.org.

International students who have already attended a college or university need only to submit their official transcripts for evaluation on Instant Scholarship eligibility.

EXPENSES & STUDENT ACCOUNTS OFFICE

TUITION AND FEES—UNDERGRADUATE

Tuition, per semester, full-time	\$9,900
Tuition, per credit hour, part-time	
1-8 hours	\$545
9-11 hours and over 18 hours	\$600
Audit (per course).....	\$595
Tuition, per credit hour, overload	
19 credit hours and above.....	\$565
General college fee:	
Full-time	\$75
Part-time.....	\$37
Student Association fee (assessed by Student Association):	
Full-time.....	\$40
Part-time, per credit hour.....	\$2

OTHER FEES AND CHARGES

Application fee payable with application, non-refundable	\$25
Acceptance deposit:	
Applicable to first semester tuition, non-refundable	\$100
(5-year undergraduate and masters).....	\$150
New freshman orientation fee.....	\$60
Late registration fee*.....	\$125
Summer registration fee.....	\$10
Late payment charge	\$100
Challenge examinations:	
Written exam, per credit hour.....	\$15
Clinical exam, per credit hour.....	\$50
Record fee, per credit hour	\$15
I.D. replacement fee	\$10
Returned check charge.....	\$35
Lost Check Fee.....	\$30
Student Professional Liability Insurance.....	\$35
International Student Health Insurance (<i>estimated</i>):	
August 1, 2009 - August 1, 2010.....	\$1150
January 1, 2010 - August 1, 2010	\$770
Graduation fee or degree in absentia.....	\$80
Academic gown, outfitters' price approx.....	\$65-75
Placement credentials folders:	
Seniors entitled to 1 folder gratis, Each additional folder	\$5
Transcript fee.....	\$5
Alumni audit fee:	
Undergraduate, per course.....	\$30
Laboratory Fees, per course:	
Human gross anatomy.....	\$350
Functional Anatomy.....	\$350
Dietetics labs	\$35
Other O.T./P.T. labs.....	\$40
Nursing clinical.....	\$60
P.A. clinical skills.....	\$80
P.A. senior seminar (fall).....	\$250
P.A. senior seminar (spring)	\$45
Other labs.....	\$40
Student teaching field experience late application fee.....	\$50
NLN test for senior nursing students (except RNs)	\$40
New transfer orientation fee.....	\$30
Education comprehensive exam fee.....	\$200

All full-time students are included in the special group plan of accident insurance. The premium for each 12-month period is included in the general fee. Sickness and hospitalization insurance is available through the college for approximately \$1,048 for each 12-month period. Family coverage is also available at additional cost.

Students in nursing (including registered nurses and transfer students), occupational therapy, physical therapy, dietetics, chiropractic, education and physician assistant programs are required to have liability insurance coverage through the college for each clinical course, including those challenged. A policy providing liability coverage of \$2 million per occurrence/\$4 million aggregate is provided through the college and billed at the time of registration.

Students who are formally admitted into the undergraduate program will be considered full-time if they are registered for 12 to 18 credit hours in any semester. Students in five-year B.S./M.S. degree programs will be considered full-time undergraduate students for tuition purposes if they are registered for 12 to 18 credit hours in their graduate (fifth) year.

OTHER EXPENSES

Students must purchase textbooks, consumable supplies and equipment, which are a necessary corollary to the program in which they are registered.

Students enrolled in the division of nursing are required to purchase such items as uniforms, bandage scissors, stethoscopes and sphygmomanometers.

Students in the physician assistant program will be required to purchase lab coats, stethoscopes, oto-ophthalmoscopes, reflex hammers and tuning forks and have CPR training. Clinical rotations in places outside the Western New York area may require room and board expenses.

RESIDENT STUDENTS

Students are offered the option of living on campus in the college's residence halls.

Marguerite Hall Residence and board, per semester.....	\$4,900**
The Apartments, per semester.....	4,000**
Residence Council Fee, per semester.....	\$10

Residents may occupy their rooms from the evening preceding the first day of classes to the day after their last final exam. The residence halls are generally closed during American Thanksgiving, inter-semester and spring breaks. Students who obtain permission to arrive before the opening of the semester or who are allowed to remain after the official closing date will be charged a residence fee of \$30 per day.

* *Continuing student must be registered at least one week prior to the start of class, fall and spring terms only. Late registration fee will be assessed after the above time.*

** *Room rates are based on the type of room/apartment reserved by and assigned to students. A listing of rooms and rates is available from the office of residence life or on the D'Youville College Web site.*

ROOM DEPOSITS

All students residing on campus are required to make a room reservation deposit. For a student starting/returning in the fall, this deposit is credited on the fall semester's bill and is nonrefundable after Aug. 15. Continuing students need to receive clearance from the student accounts office before receiving their room assignments. The room reservation deposit is \$50.

In addition to the room reservation deposit, students are required to make a room/apartment damage deposit. The deposit is refunded (less any deducted charges against individual accounts) after withdrawing from residence.

Marguerite Hall\$50

The Apartments.....\$100

SUMMER SESSIONS

Tuition and fees for the summer sessions are the same as those charged for the regular semesters. For information on room and board, contact the director of residential life at 716.829.7698. Some financial aid assistance may be available for the summer sessions if a student is matriculated and is registered for at least six credit hours. To be considered for financial aid, the student must contact the financial aid office at 716.829.7500 for further information and requirements.

FINANCIAL AGREEMENTS

Students who register for classes are obligated to settle all bills incurred with that registration. Nonattendance does not absolve liability unless written notice is received by the registrar's office the first week of class.

If an unpaid account is referred to a collection agency, the agency's costs and/or attorney fees may be added to the amount owed.

The college reserves the right to change established tuition, fees and services and to determine the effective date of such changes without prior notice.

Scholarship students, no matter what amount of their award, are required to pay the application fee, acceptance fee, room deposit and any related fees.

Cost of transportation to clinical practice or observation areas are the responsibility of the student.

Damage to college property is charged to the student(s) responsible. The college is not responsible for the loss of personal property.

DEFERRED PAYMENT OPTION

The college participates in the following plans:

INTEREST-FREE MONTHLY PAYMENT OPTION PLAN

Education expenses are easier to pay when spread over predictable, interest-free monthly payments. D'Youville provides an Interest-Free Monthly Payment Option Plan (IFMPOP), offered in partnership with Tuition Management Systems (TMS). It is an alternative to large annual or term payments and it helps to limit borrowing. IFMPOP is available for a small enrollment fee, which includes convenient, interest-free monthly payments; 24-hour full interactive access to account information through Tuition Management Systems' and D'Youville College's co-branded Web link, www.afford.com/dyc; and toll-free automated account

information, personal account information and personal account service Monday through Saturday. Payments can be made in U.S. funds by check, using a MasterCard, Discover or American Express credit card or by direct debit from a U.S. checking or savings account. Any foreign student, including Canadian, would need to have a U.S. checking or savings account to be eligible to participate in IFMPOP.

The balance of a student's tuition and fees, after all financial aid, can be paid over a nine-or ten-month period for a year or over a four-or five-month period for the semester. The term of each plan would be based on the date of registration. Any change in aid would change the amount needed on the payment plan. It is the student's responsibility to inform the student account office of any changes needed on the payment plan. Changes to the payment plan must be approved by the student accounts office, which would then forward the changes to TMS. The balance of each semester's tuition and fees must be paid in full before a student can register for the next semester.

GUARANTEED TUITION PLAN

This program allows participating students to lock in their current semester full-time undergraduate tuition rate for up to eight consecutive semesters at D'Youville College. The student must be enrolled full time and matriculated in one of the college's degree programs. Students agree to pay the semester full-time tuition by July 15 for the fall semester and by November 15 for the spring semester. This plan applies only to full-time undergraduate tuition and begins with fall semesters only.

COLLEGE POLICY FOR EMPLOYER TUITION ASSISTANCE

Students whose employers offer tuition assistance can defer payment until the end of each semester by complying with the following procedure:

1. The student must pay a \$35 deferred-tuition fee each semester.
2. The student must submit a letter from their employer each semester stating the percentage to be paid by the company and the date of expected payment.
3. The student must sign a promissory note each semester for the amount due and remit or schedule payment on any balance not paid by the company policy (e.g., student fees).

FINANCIAL ARRANGEMENTS

Payment of tuition and fees for college expenses must be arranged with the student accounts office each semester by a date specified by the treasurer at the time of billing. Students who fail to meet this deadline will be assessed the late payment charge. Students who have not completed financial arrangements with the student accounts office will be subject to cancellation of registration at the option of the college.

Students will not be permitted to register for a new semester or reside in campus housing if amounts are owed from a previous semester. Transcripts, diplomas and certificates for professional examinations or licensures will also be withheld. Interest is charged on unpaid balances at a rate of one percent per month.

PAYMENT AND REFUND

Tuition and fee balances are payable each semester in U.S. dollars before the established deadline for each semester. Interest and late fees will be assessed on late payments. Checks should be made payable to D'Youville College and mailed to the student accounts office. Payments are accepted in the form of cash, checks, MasterCard or VISA at D'Youville. Payments can also be made through the D'Youville College/Tuition Management Systems Web link, www.afford.com/dyc, for a small fee. The payment Web link accepts payments using MasterCard, Discover, American Express or direct debit from a U.S. checking or savings account, and is accessible 24 hours a day/seven days a week. The balance of each semester's tuition and fees must be paid in full before a student can register for the next semester. It is understood that students using credit cards to pay their tuition and fees have read and understand the college's refund policy.

In case of authorized absence or withdrawal from the college, tuition and board adjustments will be made from the date on which withdrawal is processed through the registrar's office. Students are required to present an approved paper withdrawal form to the registrar's office. Electronic notification is not accepted.

Students are responsible for tuition and fees associated with their course registration unless they officially withdraw. Nonattendance does not constitute withdrawal. Withdrawals must be processed through the registrar's office.

Tuition refunds for the fall and spring semesters will be based on the date of official withdrawal through the registrar's office.

Students who officially withdraw during the fall or spring semesters may be eligible for a refund of tuition in accordance with the following schedule:

TUITION REFUND

<i>Through the end of the add/drop period</i>	<i>100%</i>
<i>Through the third week</i>	<i>80%</i>
<i>Through the fourth week</i>	<i>60%</i>
<i>Through the fifth week</i>	<i>40%</i>
<i>Through the sixth week</i>	<i>20%</i>
<i>After the sixth week</i>	<i>0%</i>

ROOM AND BOARD REFUND

<i>Through the end of the add/drop period</i>	<i>80%</i>
<i>Through the third week</i>	<i>60%</i>
<i>Within the fourth week</i>	<i>40%</i>
<i>Within the fifth week</i>	<i>20%</i>
<i>After the fifth week</i>	<i>0%</i>

The first day of classes constitutes the beginning of the first week. Fall, spring and summer schedules should be consulted for exact dates of each semester.

Tuition and board are not refunded in case of unauthorized or unrecorded withdrawal. See the academic section of this catalog for the withdrawal and registration cancellation policy.

FEDERAL STAFFORD LOAN REFUNDS

The student accounts office notifies the student when a Stafford Loan is received electronically. If that loan creates an overpayment of tuition and fees, a refund check will be automatically mailed to the student. If the student's bank still processes paper checks, the business office will notify the student that the school has received the check. Eligibility for a refund is determined at the time the student signs the check in the student accounts office.

FINANCIAL AID OFFICE

The financial aid office is located on the second floor of the Koessler Administration Building. Normal office hours are Monday through Friday 8:30 a.m. to 4:30 p.m. If a student is unable to meet with a financial aid counselor during these times, he or she can schedule an early evening appointment with permission of the counselor by calling 716.829.7500.

The financial aid office offers workshops to complete the Free Application for Federal Student Aid (FAFSA) beginning the first Wednesday in February until the Wednesday prior to April 15. Students and parents should bring their completed federal tax returns to this workshop. Call the financial aid office for the exact times and locations of these workshops. New students should complete and submit the FAFSA for receipt at the processor by March 15 of the year they will enter D'Youville College. Continuing students should complete and submit the FAFSA for receipt at the processor by April 15 for the following academic year. All students are advised to file the FAFSA electronically at www.fafsa.ed.gov.

COST OF EDUCATION

The following are sample budgets used in determining aid eligibility. Items marked with an * are estimated and may vary from student to student.

Undergraduate—Dependent and Independent

	D'YOUVILLE RESIDENT	COMMUTER NOT LIVING WITH PARENTS	COMMUTER LIVING WITH PARENTS
Tuition	\$19,800	\$19,800	\$19,800
Fees	230	230	230
Sub-Total	20,030	20,030	20,030
Room and Board*	9,800	9,800	1,500
Transportation	1,500	1,500	1,500
Books*	1,200	1,200	1,200
Personal*	800	800	800
Origination Fee*	200	200	200
TOTAL	\$33,530	\$33,530	\$25,230

Types of Financial Assistance

D'YOUVILLE COLLEGE SCHOLARSHIPS

D'Youville College awards certain scholarships to incoming students based on careful review of previous high school and college academic records. No separate scholarship application is required. Each student is reviewed for scholarship eligibility. Recipients will be notified after the college has accepted them.

MERIT SCHOLARSHIPS

HONORS SCHOLARSHIP: Qualified freshmen who received this scholarship in the past, had a high school GPA of 85 or better and a combined math/critical reading SAT score of 1100 (or a 24 on the ACT). The award is for 50% of tuition and 25% of the standard double room rate in Marguerite Hall or 25% of the standard rate in the apartments for full-time residents. The award is renewable for the standard duration of the specific academic program. *This scholarship does not apply to summer sessions. The student must be full time and maintain a 2.75 grade point average.

D'YOUVILLE ACHIEVEMENT

SCHOLARSHIP: Qualified freshmen who received this scholarship in the past, had an approximate high school GPA of 85 or better and a combined math/critical reading SAT score of 1000 (or a 21 on the ACT). The award is for 25% of tuition and 50% of the standard double room rate in Marguerite Hall or 50% of the standard room rate in the apartments for full-time students. The award is renewable for the standard duration of the specific academic program. *This scholarship does not apply to summer sessions. The student must be full time and maintain a 2.50 grade point average.

ACADEMIC INITIATIVE AWARD:

Qualified freshmen who have received this grant in the past, have shown strong potential in the classroom and have performed well on the SAT or ACT. The awards range from \$1,000-\$4,000. They are renewable for the standard duration of the specific academic program. *This scholarship does not apply to summer sessions. The student must be full time and maintain a 2.25 grade point average.

TRANSFER HONORS

SCHOLARSHIP: Eligible transfer students who have received this scholarship performed well at other colleges or universities and had a minimum QPA of 2.75. The award amounts range from \$2,500-\$5,000. They are renewable for the standard duration of the specific academic program. *This scholarship does not apply to summer sessions. The student must be full time and maintain a 2.50 grade point average.

All scholarship recipients losing a semester of eligibility due to earning less than the required cumulative average will not recover that semester; for example, an eight-semester scholarship would then be reduced to seven semesters. Likewise, a student taking a leave of absence loses the scholarship for semesters during the leave and does not recover them upon re-enrollment.

No student is eligible for more than one of the above D'Youville College academic scholarships. Students should be aware that academic program grade point average requirements may be higher than scholarship requirements.

Scholarships apply to full time study only and do not apply to summer study. In chiropractic, D.P.T., I.D.S. and any education track programs, the scholarships only pertain to the undergraduate portion of your program.

GRANTS

FEDERAL PELL GRANT: These grants are available for students without a previous bachelor's degree who demonstrate high financial need. The Federal Pell Grant Program is the largest federal student grant program. Federal Pell Grants are not repaid. Awards will range up to \$5,530 for 2009-2010. Enrollment eligibility begins at less than half-time enrollment. Financial eligibility is based on family income, assets, household size and number of people in the household attending college, among other factors. Students must file a FAFSA.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (SEOG)

SEOG is available for students without a previous bachelor's degree who demonstrate exceptionally high financial need. They are not repaid. The financial aid office determines Federal SEOG eligibility. Eligibility is based on family income, assets, household size, number of people in the household attending college, the amount of funds allocated to the college by the federal government, the number of people applying for the funds and the timeliness of a student's application for this aid. Those demonstrating a greater financial need will be given priority for federal SEOG awards. Students must file the FAFSA by March 15 for new students and by April 15 each year thereafter.

D'YOUVILLE GRANT: Eligibility for this grant is similar to federal SEOG eligibility. However, the D'Youville Grant is college funded and the allocation from the college may vary from year to year. Applicants must file the FAFSA by March 15 for new students and by April 15 each year thereafter.

D'YOUVILLE OUT-OF-STATE

GRANT: This grant is offered to undergraduate full-time students from states other than New York. It is offered to help offset the state aid the students cannot receive from their home states.

TUITION ASSISTANCE PROGRAM

(TAP) GRANT: This is a grant for New York state residents attending college within New York state. Applicants must be full-time students, in good academic standing working toward a degree or certificate. Awards may range from \$500 to \$5,000 per year. Eligibility is based on New York State net taxable income of less than \$80,000. Using standard deductions, this is approximately a \$90,000 federal adjusted gross income for a family of four. Students must attend college full time to qualify for TAP. In addition to filing the FAFSA, the student must also file the TAP application. All students who have received four semesters of TAP (24 points) must have a 2.0 grade point average and have declared a major to be eligible for subsequent awards.

AID FOR PART-TIME STUDY (APTS):

This is a New York state-funded program for its residents. Applicants must be enrolled for 3-11 credit hours per semester. A dependent student's family NYS net taxable income cannot exceed \$50,500 and an independent student (and spouse's) income cannot exceed \$34,250. Award amounts vary depending upon the allocation from New York State to the college. Students applying for APTS must file a FAFSA and APTS application. APTS applications must be filed once a year by the last day of the drop-add period for the semester for which they are applying. A copy of the prior year New York State tax return must also be submitted at the same time.

WORK-STUDY

FEDERAL WORK-STUDY PROGRAM

(FWS): The purpose of FWS is to promote the part-time employment of students who need earnings to help meet their costs of attendance. Most employment opportunities are on campus and students are paid \$7.25 per hour. Community service placements are available in the vicinity of D'Youville College. Students must provide their own transportation. These positions are paid the same hourly rate as the on-campus positions. Students generally work about 10 hours per week when school is in session, although they may work full-time during vacation periods. Student employees are paid every four weeks. Priority for FWS awards will be given to those demonstrating a greater financial need. New students must file the FAFSA by March 1 and by April 15 each year thereafter.

STUDENT EMPLOYMENT

PROGRAM (SEP): This is an on-campus employment opportunity similar to Federal Work-Study except the SEP is funded entirely by the college. Students work an average of ten hours per week, earn \$7.25 per hour and are paid every four weeks. Students must complete the FAFSA to determine ineligibility for Federal Work-Study before they are eligible for SEP.

LOANS

FEDERAL PERKINS LOAN:

The Federal Perkins Loan is a low-interest (five percent) loan to help both undergraduate and graduate students, matriculated and enrolled for at least six credits, with college expenses. Eligibility criteria are similar to those for Federal Pell and Federal SEOG grants. Award amounts vary depending upon the allocations from the federal government and the collections (repayment) from former student borrowers. Students must sign a promissory note each year, promising to repay the loan principal, with the five percent interest, beginning six or nine months after graduation, depending on the date of first disbursement or after ceasing to be enrolled for at least six credit hours. Participation in entrance and exit interviews is required by federal regulation. Priority for the Federal Perkins Loan will be given to those demonstrating a greater financial need. New students must file the FAFSA by March 1 and by April 15 each year thereafter.

NURSING STUDENT LOAN (NSL): The NSL is a low-interest (five percent) loan to help undergraduate nursing students, matriculated and enrolled for at least six credits. Eligibility criteria are similar to those for Federal Pell and Federal SEOG grants and Federal Perkins Loans. Award amounts vary depending upon the sum of the repayment from former student borrowers. Students must sign promissory notes each semester they receive an NSL, promising to repay the loan principal, with the five percent interest, beginning nine months after graduation after ceasing to be enrolled in a nursing curriculum or after ceasing to be enrolled for at least six credit hours. Participation in entrance and exit interviews is required by federal regulation.

SAMPLE REPAYMENT SCHEDULE - 5% INTEREST

Total Loan	Number of Quarterly Payments	Quarterly Payments	Finance Charge 5% Annual Percentage Rate	Payment
\$500	6	\$90.00	\$21.52	\$521.52
\$1,000	13	\$90.00	\$83.35	\$1,083.35
\$1,500	19	\$90.00	\$192.63	\$1,692.63
\$2,000	27	\$90.00	\$357.74	\$2,357.74
\$3,000	40	\$95.94	\$830.58	\$3,830.58
\$4,000	40	\$127.45	\$1,107.36	\$5,107.36

SUBSIDIZED FEDERAL STAFFORD LOANS: The Subsidized Federal Stafford Loan is a low-interest loan to help undergraduate and graduate students, attending full- or part-time, with college expenses. The interest rate varies for new borrowers on or after October 1, 1992, not to exceed 8.25 percent. The monies are made available to students through private lending institutions such as commercial or savings banks, savings and loan associations and credit unions. They are insured by state guarantee agencies (in New York state, the Higher Education Services Corporation) and reinsured by the federal government. Subsidized Federal Stafford Loan limits are as follows: \$3,500 for the first year of undergraduate study, \$4,500 for the second year, \$5,500 per year after the first two years have been completed and \$8,500 per year for graduate study.* The total Subsidized Federal Stafford debt for undergraduates cannot exceed \$23,000 and for graduates \$65,500, including any amount borrowed as an undergraduate. Total student aid, inclusive of the Subsidized Federal Stafford Loan, cannot exceed the cost of education at the school. Students must demonstrate financial need for the Subsidized Federal Stafford Loan by first completing and filing a FAFSA. Students may pay a three percent origination/insurance fee collected by some lenders. Like Federal Perkins Loans and Nursing Loans, the federal government pays the interest on the Subsidized Federal Stafford Loan during at least half-time enrollment. Interest and principal payment by the borrower begins six months after graduation or after the student ceases to be enrolled for at least six credit hours. All first-time Federal Stafford Loan borrowers at D'Youville must have an entrance interview prior to the release of the first disbursement of the first Federal Stafford Loan made to the borrower for attendance at D'Youville.

* These annual loan limits are subject to change by Congress.

UNSUBSIDIZED STAFFORD LOAN PROGRAM: All students, regardless of income, will be able to obtain a student loan. Interest rate and loan limits are the same as the Subsidized Federal Stafford Loan. Interest starts to accrue on the day the loan is disbursed. The student is responsible for interest accrued during the in-school and deferment periods. Interest payments may be capitalized by the lender and added to the loan principal. Repayment of principal begins six months after the student ceases to be enrolled at least half time. Students may pay a 1.5% origination/insurance fee collected by some lenders. Borrowers can receive both the subsidized and unsubsidized loans for the same loan period. However, the combined total of both programs cannot exceed the annual limits. The student must first apply for the subsidized loans. One application is used to apply for both loans. All first-time Federal Stafford Loan borrowers at D'Youville must have an entrance interview prior to the release of the first disbursement of the first Federal Stafford Loan made to the borrower for attendance at D'Youville.

SAMPLE REPAYMENT SCHEDULE - FEDERAL STAFFORD LOAN

Loan	Number of Monthly Payments	Monthly Payment	Percentage Rate	Finance Charge 8% Annual Total Payment
\$1,000	18	\$59.14	\$64.52	\$1,064.52
\$2,000	36	\$62.67	\$256.22	\$2,256.22
\$3,000	72	\$52.60	\$787.18	\$3,787.18
\$4,000	108	\$52.08	\$1,624.08	\$5,624.08
\$6,000	120	\$72.80	\$2,735.59	\$8,735.59
\$7,000	120	\$84.93	\$3,191.52	\$10,191.52
\$9,000	120	\$109.19	\$4,103.38	\$13,103.38
\$10,000	120	\$121.33	\$4,559.31	\$14,559.31

Additional eligibility for independent students is provided. This program provides for a maximum annual loan of \$6,000 for the first two years of undergraduate study, \$7,000 for students who have completed two years of undergraduate study and \$12,000 for graduate students. Undergraduate dependent students are eligible to borrow a \$2000 Unsubsidized Stafford Loan.* Aggregate loan limits are \$23,000 for dependent undergraduate students, \$57,500 for independent undergraduate students and \$138,500 for graduate students. Loan limits do not include amounts borrowed under the Subsidized Federal Stafford Loan or Federal Parent Loans for Undergraduate Students programs. Under the Unsubsidized Stafford Loan Program, graduate and professional students and independent undergraduate students are eligible to borrow. Repayment begins within 60 days after disbursement, except that the borrower is entitled to certain deferments of repayment of principal and interest. The Unsubsidized Stafford Loan Program is also a variable rate loan influenced directly by the 91-day Treasury Bill. Students must submit a FAFSA.

D'Youville College's Stafford Loan default rate is currently 6.2%. The D'Youville financial aid office has developed a plan to provide even better loan counseling to students and graduates to reduce the already low default rate.

* Annual limits are subject to change.

FEDERAL PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS):

Parents may borrow funds for dependent undergraduate students. The maximum amount a parent may borrow on behalf of each eligible student is the cost of education for the academic year, minus all other financial aid (grants and loans). There is no aggregate loan limit. The interest rate for this loan is a variable rate, not to exceed nine percent, and directly influenced by the 91-day Treasury Bill. Repayment begins within 60 days after disbursement of the Federal PLUS. A request to defer the principal on this loan is possible. Contact the lender for the proper form. Students must submit a FAFSA.

MCTAGGART-D'YOUVILLE STUDENT LOAN FUND:

Institutional loans are available to undergraduate and graduate students who are not eligible for sufficient federal, state or D'Youville College funds to meet their financial needs. The maximum loan for any one academic year is \$1,000. The loan must be repaid at the interest rate of the Federal Perkins Loan currently in effect. Repayment begins nine months after the borrower ceases to be a student. Some special considerations apply.

MCCONVILLE STUDENT LOAN FUND:

Institutional loans are available to undergraduate and graduate students who are not eligible for sufficient federal, state, private or D'Youville College funds to meet their financial needs. The maximum loan for any one academic year is \$2,000. The loan must be repaid at the interest rate of the Federal Perkins Loan currently in effect. Repayment begins nine months after the borrower ceases to be a student. Some special considerations apply.

STUDY ABROAD THROUGH D'YOUVILLE COLLEGE:

D'Youville College offers a study abroad program. D'Youville students enrolled in the CAPA program are eligible for Pell, TAP, SEOG or D'Youville Grants, Perkins or Nursing Loans, Federal Stafford Loans and Alternative Loans and the Instant Scholarship awarded upon admission to the college.

STUDY ABROAD THROUGH OTHER COLLEGES:

D'Youville College students enrolled in a program of study abroad approved for credit by D'Youville College will be considered as enrolled at D'Youville College for the purpose of applying for assistance under the Title IV, Higher Education Assistance Programs. These programs include Federal Pell Grant, TAP, Federal SEOG, Federal Perkins Loan and the Federal Family Education Loan Programs.

VETERANS BENEFITS:

D'Youville College is approved by the New York State Division of Veterans Affairs for the training of veterans and other eligible people. Veterans and dependents of disabled or deceased veterans may contact the director of veterans' affairs, Bauer Family Academic Center, Room 312, for an application and more information.

COMBAT VETERAN'S WAIVER:

A tuition waiver for up to \$7,000 after Pell, TAP and other grants/scholarships is available for combat veterans. Students must provide form DD214 and proof of combat service to be eligible.

ENDOWED, RESTRICTED AND GENERAL SCHOLARSHIPS

D'Youville College administers a number of scholarships donated by private citizens, foundations or corporations to full-time returning students. Basic criteria for these awards are good academic standing, a grade point average of 2.75 or better, after at least one semester at D'Youville College, and/or demonstration of financial need. However, each scholarship has eligibility criteria particular to the desires of the donor. The continuing student must submit a FAFSA for receipt at the processor by March 15 and a D'Youville College Endowed and Restricted Scholarship application available in the financial aid office. These scholarships include the following:

- Pauline Alt, Ph.D. Endowed Scholarship
- Alliance to the Medical Society
- Dara Barker Scholarship
- Dr. Charles A. Bauda Award in Health Services
- Philomena V. Bauda Nursing Award
- Norman T. and Rita A. Bauer Memorial Scholarship
- Jennifer Berner Scholarship
- Sally Jean Bilotta Scholarship
- Natalie and Virginia Carley Scholarship
- Crane Scholarship for Widows and Orphans
- Sister Margaret of the Sacred Heart Dooling Scholarship
- Cathleen Dowling Scholarship
- Sister Mary Sheila Driscoll Scholarship
- Virginia K. Ego Memorial Scholarship
- Faculty and Staff Scholarship
- Beverly Fest Scholarship
- Josephine Goodyear Foundation Scholarship
- Hearst Scholarship
- HSBC Scholarship
- Mother Mary Ita, GNSH, Endowed Scholarship
- Edward J. Johannes, Jr. Scholarship
- Katherine G. Koessler Scholarship
- Patricia J. Loser Scholarship
- Alice M. and Charlotte M. Meagher Scholarship
- Moynihan Memorial Scholarship
- Du Couet Musarra Scholarship
- Marie Claire Gunning O'Leary Endowed Scholarship
- Palisano Scholarship
- Joseph Perna Family Scholarship
- Joan Robinson Scholarship
- Mary Crehan Roche Scholarship
- Sigma Theta Tau Zeta Nu Chapter Endowed Scholarship
- Gertrude Lander Stein Scholarship
- Sorg Endowed Scholarship

- Irma Thiel Endowed Scholarship
- Tiffany Endowed Scholarship
- Van Dyke Family Endowed Scholarship
- Monica Clark Wallace Scholarship
- Dr. Mark and Beulah Welch Scholarship
- Sister M. Theodore Weppner Scholarship
- Helen H. Zientek Endowed Scholarship

The Endowed and Restricted Scholarship application is available in the financial aid office by Feb. 1, and is due to the academic department chairperson on March 15 prior to the next academic year. All applicants will be notified of the results in June.

SR. MARY CHARLOTTE BARTON ALUMNI KINSHIP SCHOLARSHIPS

are available to students who meet the academic and financial criteria. Applicants must be a relative of a D'Youville College graduate, i.e., child, step-child, grandchild, brother, sister, niece, nephew or spouse. Present and prospective students as well as alumni themselves are eligible for consideration. Applications are due in the alumni office no later than March 15.

TUITION WAIVERS

In addition, the following tuition waivers are available to those students meeting specific eligibility criteria:

GREY NUNS OF THE SACRED HEART WAIVER: Members of the Congregation of Grey Nuns may attend D'Youville College tuition-free for day, evening or summer sessions. All fees are the responsibility of the student. This policy is applicable to credit or non-credit courses, full- or part-time study, and matriculating or non-matriculating student status.

GREY NUN KINSHIP WAIVER: Nieces, nephews, great nieces and great nephews of a Grey Nun who attend D'Youville College full time are eligible for \$6,000 per year tuition waiver. Applicants must complete the FAFSA and the TAP application.

RELIGIOUS CREDIT FOR MEMBERS OF ORDERS OTHER THAN GREY NUNS OF THE SACRED HEART: Orders listed in the National Catholic Directory. Tuition is discounted 100 percent after all other financial aid. All fees are the responsibility of the student. Applicants must complete the FAFSA and the TAP application.

FAMILY TUITION WAIVER: Families with two or more students attending D'Youville College on a full-time basis in the same year receive a reduction of \$1,000 per year on each student's tuition. Both students need to be members of the same household. Families with two or more students residing in the residence halls in the same year receive an additional \$500 per year reduction on each student's room and board. Applicants must complete the FAFSA and the TAP application

Special Note: All students who qualify for non-need-based aid (e.g., Presidential Honors, Academic Initiative and Academic Achievement scholarships, tuition and room and board family credit waivers, RN-only waiver, religious tuition waiver, resident assistant or assistant to the director of resident life waiver, GNSH Kinship Award, employee and employee-dependent waivers, Federal Nurse Traineeship Grants or graduate scholarships) must file the FAFSA annually (exceptions: GNSH waiver and Canadian discount recipients). In this way, students can be considered for all sources of assistance offered or administered by D'Youville. The amount of tuition remission will be determined after all private, state and federal awards have been allocated. Also note that for the aid programs listed above, all recipients must be enrolled full time (12 credit hours or more per semester), with the exception of current employees and RN students. Employees and dependents of employees need to file a FAFSA to receive tuition waivers. Also, RN students who are registered for even one credit hour must file a FAFSA (as they may be eligible for a Pell Grant) to be given the RN tuition waiver.

OUTSIDE SOURCES OF AID

There are many sources of financial assistance not offered by the college directly or through the principal federal or state student aid programs. Many service organizations, private corporations and foundations offer scholarships or low-interest loans to their employees to aid in career advancement. The library reference department may be of assistance in locating information on such externally funded programs. Following are several Web site addresses for scholarship searches:

www.nextstudent.com/scholarship-search/scholarship-search.asp
www.fastweb.com
www.fastweb.com/canada/scholarships.salliemae.com
www.wiredscholar.com
www.collegeboard.org/toc/html/tocfinancialaid000.html
www.freschinfo.com
www.brokescholar.com
www.scholarshipexperts.com

Also, several government agencies sponsor student assistance programs for special groups. These include:

- **New York State Native American Education Unit:**
New York State Aid to Native Americans
- **U.S. Bureau of Indian Affairs, Department of the Interior:**
U.S. Aid to Native Americans
- **U.S. Veterans Administration:**
Veterans Administration Educational Benefits
- **New York State Higher Education Services Corporation:**
Regents Awards for Children of Deceased or Disabled Veterans
Regents Award for Children of Deceased Fire Fighters or Police Officers
- **New York State Office of Vocational and Educational Services for Individuals with Disabilities**
- **New York State Health Services Scholarship**

The students make applications directly to these agencies.

EMPLOYER TUITION ASSISTANCE: The employers listed below provide some form of tuition assistance for their employees. If a student works for one of these organizations and is interested in their tuition assistance program, they must contact the personnel officer. Many local and Canadian hospitals and health care facilities provide tuition assistance for employees.

Brooks Memorial Hospital
 Bry-Lin Hospital
 Buffalo Psychiatric Center
 Catholic Health System
 Citibank
 Ford Motor
 Gaymar Industries
 General Motors
 Honeywell
 HSBC Bank
 Ingram-Micro
 Intercontinental Branded Apparel
 Kaleida Health
 Key Bank
 Lockport Memorial Hospital
 Mount St. Mary's Hospital
 Niagara Falls Memorial Medical Center
 Niagara Mohawk
 Outokumpo American Brass
 Rich Products
 Roswell Park Memorial Institute
 Sheehan Memorial Hospital
 TOPS Markets
 United Parcel Service
 Veridian
 Verizon
 Veterans Administration Medical Center
 Westwood-Squibb Pharmaceutical

RESERVE OFFICERS' TRAINING CORPS (ROTC): Scholarships assist in paying tuition, college fees and a flat rate for books and academic supplies in addition to a subsistence allowance of \$200 per month (\$1,000 per year). Three- and two-year scholarships are available to qualified college students. No previous military or ROTC experience is necessary. D'Youville College ROTC scholarship winners will be cross-enrolled into the Canisius College ROTC program.

Nursing Reserve Officers' Training Corps Scholarship Incentive is given to a ROTC recipient attending D'Youville in the full-time nursing program. The incentive would include the following:

- For a \$12,000 or \$8,000 ROTC Scholarship, D'Youville will pay the difference in tuition for four years.
- For a \$5,000 ROTC Scholarship, D'Youville will pay 50 percent of the tuition difference the first year and 25 percent of the tuition difference for years two, three and four.

TUITION REDUCTION FOR CANADIAN STUDENTS AND GRADUATES OF SENECA, SHERIDAN, HUMBER AND NIAGARA COLLEGES IN ONTARIO, CANADA:

Currently, D'Youville is offering Canadian students a 20 percent reduction in their tuition only (no fees) after all D'Youville grants and scholarships. Students receiving the RN waiver are not eligible for this reduction. If a student is a dual U.S./Canadian citizen, the student may choose to take advantage of either U.S. federal aid or the Canadian waiver. Accordingly, if the student will apply for U.S. federal aid, the student must file the FAFSA for receipt at the processor by March 15 as a new student, and by April 15 each year thereafter. The student must meet New York state residency requirements to apply for TAP. Graduates of Seneca, Sheridan, Humber and Niagara Colleges in Canada who are enrolled in a B.S./M.S. program and who are neither Canadian nor U.S. citizens will also be granted a 20 percent waiver.

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP): OSAP is

available for Canadian students attending D'Youville College. Applications are available at www.osap.gov.on.ca. The D'Youville College financial aid office will process OSAP applications after you are accepted.

R.N. WAIVER FOR B.S.N. COMPLETION PROGRAM:

Undergraduate students enrolled in the bachelor of science in nursing (B.S.N.) completion program for R.N.s are eligible to receive a tuition waiver of 50 percent. The R.N. waiver is for 50 percent tuition only (no fees), after all federal, state and D'Youville grants and scholarships. U.S. citizens and eligible non-citizens must complete the FAFSA each year and must file the FAFSA by March 1 as a new student, and by April 15 each year thereafter.

FINANCIAL AID APPLICATION PROCESS

Students must apply annually for all forms of financial assistance. Continued receipt of aid is not automatic; there is no guarantee of funding from one year to the next.

To ensure maximum consideration for government and college-based aid, these steps should be followed and the information noted:

- To be considered for Federal Pell Grant, Federal Stafford Loans and Federal campus-based aid (e.g., Federal Work-Study, Federal Perkins Loan, Federal Supplemental Educational Opportunity Grant, Nursing Student Loan) and college-awarded aid (e.g., D'Youville Grants, all D'Youville scholarships), the FAFSA must be filed. **The federal code number for D'Youville College is 002712.** Electronic filing of the FAFSA is done at www.fafsa.ed.gov.
- A student whose FAFSA reaches the processor by April 15 receives priority consideration for the aid noted above. Applications received after April 15 are considered late and subject to availability of funds after awards have been made to those students who filed by April 15.
- The processor, upon receipt of a FAFSA, e-mails a student aid report to the student. The processed aid application and analysis are transmitted to the school.
- Aid applicants, who are selected for verification by the U.S. Department of Education will be required to submit to the financial aid office signed copies of federal tax returns and supporting documentation. This information should be submitted within two weeks only when directly requested by the financial aid office.
- Students new to D'Youville College will not receive notification of eligibility for aid until the admissions office has officially accepted them.
- Independent students, born after January 1, 1986, are required to submit documentation of their independence to the financial aid office.
- When any aid is offered, a student must accept or decline it by the date specified in the award letter. If the financial aid office does not receive a response by the date noted on the award letter, the offer of aid will be withdrawn.
- Federal regulations require that students inform the financial aid office if any financial aid is received from any off-campus agency or organization. Any such aid becomes part of the total aid package and may affect one's eligibility for assistance.
- All undergraduate matriculated students without a previous bachelor's degree who are taking even one credit hour per semester must apply for the Federal Pell Grant. Application for the Federal Pell is made directly on the FAFSA. As a result of filing the FAFSA, a student will be sent a Student Aid Report (SAR) from the Federal Pell processor. The SAR is only submitted by the student to the financial aid office to correct or add information.
- All matriculated New York students attending full time (12 credit hours or more each semester) must apply for the New York State Tuition Assistance Program (TAP) grant. at www.hesc.com
- All matriculated New York resident undergraduate students attending less than full time (three to 11 credit hours) should apply for the New York State Aid for Part-Time Study (APTS) grant. The APTS applications are available in the financial aid office. The deadline is the last day of drop/add period each semester. A copy of the previous year's N.Y.S. tax return must be attached to the application.
- Federal Stafford Loans and Federal Parent Loans for Undergraduate Students (PLUS) are programs sponsored by New York state and private lenders (commercial and savings banks, savings and loan associations, and credit unions). They lend to student and parent applicants according to federal guidelines. Stafford Loan applications and Parent Loan applications are available at www.hesc.com.
- To obtain all forms of financial assistance, a student must be in good academic standing and be making satisfactory academic progress.

UNDERGRADUATE SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID FROM NEW YORK STATE

POLICY STATEMENT

To be eligible to receive the state Tuition Assistance Program (TAP) Award, students must be full-time (12 credit hours), matriculating New York state residents making satisfactory academic progress.

All students who have used 24 TAP points (four semesters) must have at least a 2.0 cumulative average and must have declared a major to maintain TAP eligibility.

REPEATED COURSES

Courses in which the student has already received a passing grade cannot be included in meeting full-time study requirements for state-sponsored financial aid (TAP). Repeated courses may be counted toward full-time study requirements if a student repeats a failed course, if a student repeats the course for additional credit or when a student has received a grade that is passing at the institution but is unacceptable in a particular curriculum.

Example #1: A student is enrolled in a nursing program where the lowest acceptable grade in a nursing course is a C; the student receives a D. The course, when repeated, may be included for purposes of determining the student's full-time or part-time status for financial aid eligibility. The student would not earn credit applicable toward the program of study for the course in which the D was received; therefore, the course, when repeated, may be counted for financial aid purposes.

Example #2: A student who has applied for TAP receives a D in a liberal arts elective that is accepted by the institution toward the student's baccalaureate degree in history. However, the student wishes to retake the course in the hope of improving the original grade. Since the original D was acceptable to the institution and therefore credit was earned, when it is taken a second time the credit will not be earned again. In this situation, the credits for the repeated course cannot be included in the calculation of full-time status for the purpose of determining student's eligibility for a TAP award.

MEETING THE NEW YORK STATE REQUIREMENT

A change in legislation has created a uniform chart used to determine a student's satisfactory academic process. The following chart must be used by all institutions for first-time undergraduate students beginning with the 2006-2007 academic year. Note: Graduate students must meet the SAP requirement chart submitted by each college and approved and on file with the New York State Education Department.

CALENDAR: SEMESTER PROGRAM: BACCALAUREATE PROGRAM

Before being certified for this payment →	1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	10TH
a student must have completed this number of credit hours in the previous semester →		9	9	12	12	12	12	12	12	12
a student must have this many credits earned →	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

Part-time matriculating students are considered to be making New York state satisfactory academic progress for financial aid purposes if they are maintaining a cumulative G.P.A. consistent with full-time study based on the semester of enrollment; and if they are earning at least 50 percent of credit hours undertaken during the first year in which an award is received, 75 percent of credit hours undertaken during the second year in which an award is received, and 100 percent of credit hours undertaken thereafter.

Freshman and transfer students will be assumed to be in good academic standing and making satisfactory academic progress during their first semester of attendance.

If a student fails to meet any of these criteria, further payments of any New York State financial aid awards will be suspended until either the student has regained satisfactory academic progress or has shown evidence of the ability to successfully complete the program.

MAXIMUM TIME FRAME

Students are only eligible to receive 48 points (or 8 full-time semesters) of TAP.

As mentioned previously, all students who have used 24 TAP points must have at least a 2.0 cumulative average and must have declared a major to maintain TAP eligibility.

GRACE PERIOD AND LOSS OF TITLE IV AID

There is no grace or probationary period for New York state aid.

ONE-TIME WAIVER

New York State Commissioner of Education regulations permit students to receive a one-time waiver of satisfactory academic progress requirements if a student is determined to be ineligible to receive the state award. A student may receive one waiver as an undergraduate student. The waiver is to be used only in the exceptional cases (e.g. illness, death in the family) in accordance with the TAP Waiver Policy Guidelines and Procedures as stated on the waiver application.

WAIVER OF THE C-AVERAGE REQUIREMENT

The C-average requirement may be waived for undue hardship based on:

- death of a student's relative or
- student's personal illness or injury.

A waiver must be documented and must relate to circumstances that have affected the student's ability to achieve a cumulative C average as of the end of a particular semester or term.

The C-average waiver is separate from the one-time good academic standing waiver and may be granted more than once if circumstances warrant.

REINSTATEMENT OF GOOD ACADEMIC STANDING

Students who have lost good academic standing may restore this standing in one of the following ways:

1. Make up past academic deficiencies by completing one or more terms of study without receiving any state grants or scholarships,
2. Be readmitted to school after an absence of at least one year or
3. Transfer to another institution

INCOMPLETE GRADES

A waiver may not be granted because an incomplete (I) grade is received. If an incomplete is included in the number of hours required to be completed during the previous semester (**see chart on previous page**), the student will not be eligible to receive the state award for the subsequent semester. If the student can convert the incomplete grade into a complete grade before the start of the third week into the next semester, the grade and credit hours will be counted in determining the student's academic progress. If the student does not convert the incomplete grade before the start of the third week into the next semester, the student is not making satisfactory progress (even if the student turns in the incomplete at some point after the start of the third week during that next semester).

SATISFACTORY ACADEMIC PROGRESS REGULATIONS GOVERNING TITLE IV FEDERAL AID RECIPIENTS

POLICY STATEMENT

Financial aid is intended to meet the financial needs of the student who otherwise could not or would not consider continuing their education. Students who receive financial aid must not only demonstrate financial need, but must also make satisfactory academic progress.

Federal regulations require D'Youville College to have a satisfactory academic progress policy within the guidelines set by the U.S. Department of Education. To be eligible for Title IV financial assistance, Title IV recipients will be reviewed on both a qualitative requirement (G.P.A.) and a quantitative requirement (number of hours successfully completed) to ensure that they are making progress toward a degree or certificate. Each continuing student (Title IV recipient) must meet the requirements specified herein. Title IV financial aid programs include: Federal Pell Grant, Federal Perkins Loan, Federal Work-Study (FWS), Federal Supplemental Education Opportunity Grant (FSEOG), Federal Stafford Loan and Federal PLUS Loan. Satisfactory academic progress, as described below, is evaluated three times a year, after the summer, fall and spring semesters. Enrollment status will be determined as of the second week of classes. While these requirements govern the student's eligibility to continue receiving financial aid, each student must also conform to the academic policies established by faculty council. Failure to maintain satisfactory academic progress, as described below, may result in cancellation of financial aid awards and the student may have to repay funds already received. Permission to enroll in classes for a subsequent semester does not equal financial aid satisfactory academic progress.

MEETING THE QUANTITATIVE REQUIREMENT

The quantitative requirements for undergraduate students are based upon the student's enrollment status (full-time, three-quarter, half-time) at the end of the drop/add week at the start of each semester. Students must successfully complete the number of hours for which financial aid was based.

- Full-time = 12 or more credit hours. Minimum required earned hours must be 9 credit hours.
- Three-quarter = 9 to 11 credit hours. Minimum required earned hours must be 6 credit hours.
- Half-time = 6 to 8 credit hours. Minimum required earned hours must be 4 credit hours.
- Less than Half-time = 5 or less credit hours. Minimum required earned hours must be one credit hour.

Meeting the Qualitative Requirement

- A student who has attempted 0-16 D'Youville credit hours must have a minimum C.G.P.A. of 1.0.
- A student who has attempted 17-32 D'Youville credit hours must have a minimum C.G.P.A. of 1.50.
- A student who has attempted 33-48 D'Youville credit hours must have a minimum C.G.P.A. of 1.65.
- A student who has attempted 49-64 D'Youville credit hours must have a minimum C.G.P.A. of 1.80.
- A student who has attempted 65-80 D'Youville credit hours must have a minimum C.G.P.A. of 1.90.
- A student who has attempted 81 or more D'Youville credit hours must have a minimum C.G.P.A. of 2.0.

MAXIMUM TIME FRAME

Regulations also specify a maximum time frame requirement. For undergraduate students, the maximum time frame in which a student must complete his or her program of study cannot exceed 150 percent of the published length of the program. (ex: Students in an undergraduate program that requires 120 credits to graduate are eligible to receive Title IV aid for no more than 180 credits). After a student has exceeded the maximum time frame requirement, they will automatically lose Title IV aid. Students will not be granted a grace period. No financial aid will be disbursed for the student during subsequent semesters unless the student has made an appeal to the satisfactory academic progress appeals committee and the appeal has been granted.

GRACE PERIOD AND LOSS OF TITLE IV AID

The first time a student does not meet the Title IV satisfactory academic progress requirements, the student will be given a one semester probationary grace period. During this probationary grace period, the student will continue to receive Title IV assistance, but it is the individual's responsibility to regain good academic standing, whether it is through full-time or part-time study. At the end of this period, the student's academic performance will be compared to the appropriate standards. If the student has again failed to meet the requirements, the student will lose all eligibility for Title IV aid. When the student has completed an enrollment period without Title IV aid and has achieved the required C.G.P.A., the student regains future Title IV aid eligibility. If circumstances so warrant, the criteria may be waived at the discretion of the satisfactory academic progress appeals committee. Application for a waiver is to be initiated through the financial aid office.

Freshman and transfer students are assumed to be in good academic standing and making satisfactory

academic progress for the first semester of attendance.

Students will be notified in writing via U.S. mail if they have been placed on probation. Students who lose Title IV eligibility will be sent a certified letter to their permanent home address listed with the financial aid office.

APPEALS

Students may appeal their satisfactory academic progress status by completing and submitting a written appeal form to the financial aid office. Forms are available on the financial aid office Web page. Appeals must be submitted with appropriate documentation. Appeals may include unusual circumstances which have affected the student's academic performance. Appeals are reviewed by the satisfactory academic progress appeal committee; its decision or recommendation are final. If the appeal is approved, there may be specific conditions for the student to meet to remain eligible for financial aid. Conditions may include reducing the number of classes enrolled in or requiring working with an academic counselor throughout the semester. If the conditions of the appeal are not met, then the appeal becomes void for the next semester and the student is no longer eligible for federal financial aid. If the initial appeal is denied, the student will remain in an "ineligible" status and must pay for educational costs. If a student is denied aid based on academic progress, that denial takes precedence over any previous award notification that the student may have received.

Students will also be given a date by which the appeal must be submitted in writing to the appeal committee. Supporting documentation is required. This might include a letter from a physician, or counselor, academic advisor or a trusted faculty member.

Students will receive a decision of their appeal with both a phone call and in writing.

SUCCESSFUL COMPLETION OF COURSES

- To be counted as successfully completed or earned hours, the student must receive a grade of A, B, C, D or S.
- Withdrawals (W), incompletes (I) or failures (F) are counted in the attempted hours but are NOT successfully completed or earned hours.

Example #1: *At the end of the drop/add week, an undergraduate student was registered for 15 credit hours. At the end of the semester, that student failed one three-credit course and withdrew from another three-credit course. The student successfully completed nine credit hours. Fifteen credit hours are defined as full-time enrollment and the student received financial aid based upon full-time status. But the student only completed nine credit hours, which is defined as three-quarter time enrollment. This student did not meet the minimum quantitative standards for progress.*

Example #2: *At the end of drop/add week, an undergraduate student was registered for 15 credit hours. At the end of the semester, that student has failed one three-credit course and withdrew from a total of six credit hours. The student has successfully completed six credit hours. Fifteen credit hours are defined as full-time enrollment and the student has received aid based upon full-time status. But the student only completed six credit hours, which is defined as half-time enrollment. This student did not meet the minimum quantitative standards for progress.*

INCOMPLETE GRADES

If the student can convert an incomplete grade into a complete grade before the start of the third week into the start of the next semester, the grade and credit hours will be counted in determining the student's academic progress. The student must submit to the financial aid office proof of the grade upon completion. According to the regulations, if the student does not convert the incomplete grade before the start of the third week into the next semester, the student is not making satisfactory academic progress (even if the student turns in the incomplete at some point after the third week during that next semester). The student is given a one-semester grace period for the duration of the coming semester and allowed to continue receiving Federal Title IV aid. At the end of this probationary semester, the student will once again be monitored for progress. If the student is not up to par, the student will lose Title IV aid.

DEPARTURE FROM D'YOUVILLE COLLEGE

If a student withdraws, takes a leave of absence or graduates from D'Youville, the following should be kept in mind:

- Payment of principal and interest of all Federal Stafford Loans must begin within six months after the last day of at least half-time enrollment.
- Borrowers of Nursing Student Loans, Federal Perkins Loans and Federal Stafford Loans must participate in exit interviews before a withdrawal, leave or degree is granted.
- D'Youville will notify the Higher Education Services Corporation of a Federal Stafford Loan borrower's less-than-half-time enrollment, withdrawal or graduation.
- Upon departure from D'Youville, all student borrowers must complete an exit interview either online, via surface mail or with a financial aid counselor.

FINANCIAL AID REFUND POLICY

Students who have been enrolled, are recipients of Federal Title IV Financial Aid and who completely withdraw from the college or take a leave of absence during a semester will receive a refund in accordance with the federal refund policy based on the number of days the student completed, less unpaid charges for the amount to be retained by the college, repaid to the financial aid programs, and refunded to the student.

All refunds will be paid to the financial aid programs in accordance with federal policy in the following order:

1. Federal Unsubsidized Stafford Loan
2. Federal Subsidized Stafford Loan
3. Federal Perkins Loan
4. Federal Plus Loan
5. Federal Pell Grant
6. Federal SEOG
7. Other Title IV Programs

D'Youville College scholarships and grants will be based on the percentage of time the student was enrolled for the semester, not to exceed the balance due on the student's account.

FINANCIAL AID GLOSSARY

Award Package: A list of the financial aid a student has been awarded from the various programs (federal, state and campus).

Budget: An estimate of what it will cost to attend college. A budget includes tuition, fees, room and board, transportation, books and supplies, and personal expenses.

Campus-Based Funds: Any federal financial aid that is awarded (determined) by the college (e.g. Federal Perkins Loan, Nursing Student Loan, Federal Supplemental Educational Opportunity Grant and Federal Work-Study).

Free Application for Federal Student Aid (FAFSA): The need analysis application that students use to report family income and assets. The FAFSA is transmitted to an approved processor. The college uses the analysis sent by the processor to determine a student's financial aid eligibility. Electronic application is made at www.fafsa.ed.gov.

Family Contribution: A determination, by an approved federal formula, of how much a student and the family can contribute toward educational costs. The family contribution is reported to the college as part of the analysis of the student's aid application (FAFSA).

Financial Aid Eligibility: The difference between the budget and the family contribution. The amount of money a student is eligible to receive to assist in meeting the costs of education.

Full-Time: 12 credit hours or more per semester.

Grant: Gift aid that does not have to be repaid. A grant is based on financial need.

Institutional Funds: Any financial aid that is D'Youville College funds and is awarded by the college.

Loan: A type of financial aid that must be repaid, usually at low interest rates and after the student has left school. For subsidized educational loans, the federal government pays the interest while the student is attending at least half time. For unsubsidized loans, the student is responsible for the interest even while in college.

Part-Time: Less than 12 credit hours per semester. Generally, students must be enrolled at least six credit hours per semester to be eligible for financial assistance (exception: New York state TAP requires full-time enrollment).

Priority Deadline/Due Date: New students must file the FAFSA to be received by the processor by March 1. Continuing students must file the FAFSA to be received by the processor by April 15. If a student's FAFSA is received by the processor by these dates, the application is considered to be on time. The on-time application will be given priority in the distribution of campus-based and institutional funds, as available. The Web site address is www.fafsa.ed.gov.

Scholarship: A type of financial aid usually awarded for outstanding ability (e.g. academic scholarship). Financial need is usually not a criterion. A scholarship does not have to be repaid.

Title IV Aid: Federal student aid programs regulated by the U.S. Department of Education under Title IV, Pell Grant, SEOG, Perkins Loan, Stafford Subsidized and Unsubsidized Loans and PLUS Loans.

Academic Policies and Procedures

Policy on Academic Integrity

Students are expected to conduct themselves with integrity and honesty while completing course requirements and complying with college academic regulations.

Violations of academic integrity include, but are not limited to, the following:

- (a) **Plagiarism:** The presentation of another's writing or another's ideas as one's own without citation;
- (b) **Cheating:** The use or provision of any unauthorized assistance when completing an exam or individual assignment;
- (c) **Falsification:** The fabrication of signatures, notes, reports, data or other academic information; the submission of reports, papers or exams prepared by a person other than the student; this includes purchasing or selling term papers or other academic materials;
- (d) **Procurement:** The distribution or acceptance of prior or current lab assignments, exams or other academic matter without the permission of the instructor; and
- (e) **Co-submission:** The submission, without permission of the instructor, of academically required materials previously or contemporaneously submitted in whole or in substantial part in another course.

A breach of academic integrity as determined by the instructor will result in automatic failure of the exam, paper or course, and/or ineligibility to repeat the course, a requirement for additional academic work, or other sanctions as stated in the course syllabus. In general, it is expected that most infractions will be handled between the student and the faculty member. Serious or repeated infractions, however, will be reported to the student's academic major program as defined below and to the vice president for academic affairs.

The student may appeal decisions or judgments as outlined in the appeals procedures below. Repeated infractions may result in dismissal from the college.

PROCEDURES FOR ALLEGED VIOLATIONS OF THE D'YOUVILLE COLLEGE POLICY ON ACADEMIC INTEGRITY

An instructor who has knowledge that a student has committed a violation of the policy on academic integrity may respond as outlined above. If the student wishes to appeal the faculty member's decision, then the faculty member will, upon notification of the initiation of this appeal, notify in writing the chair of the student's academic major. If the student has no academic major, the department chair in which the student receives academic advisement will be notified.

Appeals from the instructor's decision will be made first to the instructor's chair or program head, then to the college judicial review board, then to the academic integrity board and then to the vice president for academic affairs, whose decision will be final. An adverse decision may subject the student to additional program specific sanctions. In the event that the appeal is not upheld, a record of the violation and the penalty imposed will be a part of the student's academic record (department and registrar's office) while at the college.

If the student's records show prior offenses of the academic integrity policy, the matter will be reported to the chair of the student's major and the vice president for academic affairs. The chair will decide upon appropriate sanctions and the matter will be reviewed by the academic integrity board. The decision made by the academic integrity board can be appealed to the vice president for academic affairs, whose decision will be final.

At every step in the appeals process, the student retains the right to review and rebut the accusations of academic misconduct and the evidence that supports them.

The academic integrity board will be comprised of the members of the academic policies committee of the faculty council. Members of the committee who are involved in the alleged violation will recuse themselves from the proceedings. Sanctions for second and subsequent violations of the academic integrity policy require approval by members of this board and are as follows:

- a. Dismissal from the student's academic program with either an opportunity to reapply after one semester or one year or no opportunity to reapply.
- b. Mandatory leave of absence from the college for at least one semester and no more than two semesters. The term semester does not include summer sessions or courses. Any credit earned at another institution while a student is on a mandatory leave of absence will not be accepted by D'Youville College for any purpose.
- c. Dismissal from the college with no opportunity to reapply.

ACADEMIC YEAR

The regular academic year is composed of two semesters of approximately 15 weeks each. The fall semester begins on the first day of classes and ends on the last day of final exams, which occur before the Christmas holiday. The spring semester begins on the first day of classes and ends on the last day of final exams, which occur before Memorial Day. D'Youville also offers several sessions of summer study.

ATTENDANCE

Students are expected to attend all regularly scheduled classes. Each instructor may determine the requirements for class attendance within specific courses; the requirements should be clearly stated at the beginning of each semester. Faculty are requested to notify the registrar if a student has never attended or stops attending a class.

Students who must interrupt their studies for medical/health reasons must contact either the health center or the counseling center. Documentation from the attending health care professional must be provided and should include the expected date of return.

GRADE POINT AVERAGE

The semester average and the cumulative grade point average (G.P.A.) are derived by dividing the number of quality points earned by the number of semester credit hours attempted. (S/U grades carry no quality points.) Grades for courses transferred from other institutions are not included in the G.P.A. calculation.

Letter Grade	Grade Definition	Quality Points Per Semester	Numerical Credit Hour Value
A	Excellent	4.00	93-100
A-		3.67	90-92
B+		3.33	87-89
B	Good	3.00	83-86
B-		2.67	80-82
C+		2.33	77-79
C	Average	2.00	73-76
C-		1.67	70-72
D+		1.33	67-69
D	Less than Average	1.00	63-66
D-	Minimum passing grade	0.67	60-62
F	Failure	0	Below 60
FX	Failure for non-attendance	0	
*I	Incomplete	0	
*IA	Absent for semester exam	0	
*IS	Incomplete, progressing satisfactorily		
*IP	Course in Progress		
R	Course Repeated		
S	Satisfactory completion of minimal requirements for course	0	
U	Unsatisfactory	0	
**W	Withdrawal without academic penalty	0	

* An I becomes an F or a U if the work is not completed before the end of the eighth week of the next semester in which the student is enrolled. IS and IP grades will be replaced with a letter grade upon course completion.

Students will not be allowed to register for a course for which a prerequisite has been established if a grade of incomplete ("I" or "IA") has been received in the prerequisite course and has not been replaced by an acceptable grade before the course begins.

** A course may be dropped without academic penalty until the end of the tenth week of the semester. The grade of "F" is given after that time.

CLASSIFICATION OF STUDENTS

Matriculating students are those accepted into a major who are following a prescribed curriculum of study leading to a degree. Matriculating students are eligible for financial aid consideration. Undergraduate matriculants are grouped by class year based on the number of credits completed for registration, financial aid and reporting purposes; however, in certain majors, program requirements determine the graduation year.

- Seniors have earned 86 or more credits
- Juniors have earned 56-85 credits
- Sophomores have earned 26-55 credits
- Freshmen have earned 25 or fewer credits

Non-matriculating students have not been formally accepted into an academic program, whether they are attending undergraduate or graduate classes. Non-matriculating students are subject to the college's academic policies and procedures. Students dismissed from the college or on a leave of absence may not attend as non-matriculating students.

TRANSFER CREDIT

The registrar's office evaluates college credit previously earned at other institutions. Evaluation of credit is made only after an official transcript is received. Transfer credit may be awarded for each course in which the student received a grade of C or better from an accredited institution in courses applicable to the college core or the intended major. Certain majors may require higher grades to transfer in specific areas. Grades for transfer credits do not appear on the D'Youville transcript and are not calculated in the D'Youville G.P.A.

Students may transfer up to half their major requirements and all core requirements. Students must, however, complete a minimum of 30 semester credit hours at D'Youville and meet all of their major and core curriculum requirements for graduation. No more than 65 credits may be transferred from a two-year college or its equivalent; a greater number of credits will be transferred if allowed under a special articulation agreement.

Students entering D'Youville College with a bachelor's degree from an accredited institution, as determined by the registrar's office, are not required to meet the core requirements. However, they must make up any prerequisites for the major curriculum, complete at least one-half of the major curriculum requirements at D'Youville and fulfill all other requirements pertaining to the degree.

EDUCATION PROGRAMS IN NON-COLLEGIATE ORGANIZATIONS

In some circumstances, credit may be awarded for education and/or training obtained through certain non-collegiate organizations (e.g., industrial or corporate programs). Guidelines for awarding credit are currently found in the following documents:

- a. The Directory of *The National Program on Non-Collegiate Sponsored Instruction*, The University of the State of New York, The State Education Department.
- b. *A Guide to the Evaluation of Educational Experiences in the Armed Services* of the American Council on Education.

CREDIT BY EXAMINATION FOR ADVANCED STANDING

Advanced Placement Program

D'Youville participates in the Advanced Placement Program administered by the College Entrance Examination Board. Students who receive a rating of three to five on the Advanced Placement Examinations will be considered for college credit, advanced placement or both. Policies vary with the student's desire to use such credits in a major or in an elective area.

College Level Examination Program (CLEP)

The College Entrance Examination Board has established CLEP to measure academic achievement; it does not set standards or award credit. At D'Youville College, matriculated students are limited to 15 credit hours of credit by standardized examination to count toward D'Youville College credit. CLEP, Excelsior (Regents) College and other standardized college-level examinations taken prior to enrollment at D'Youville College are limited to 15 credit-hours and may be in addition to the limit of 15 credits while enrolled at D'Youville College. For additional information about CLEP, consult the registrar.

Excelsior (Regents) College Examination Program

The New York State Education Department established this program so that individuals who have developed college-level competencies outside the formal classroom can demonstrate these competencies and receive credit. The examinations are now available in more than 30 subjects. D'Youville participates in this program and grants credits to students who pass these examinations and meet D'Youville standards. A maximum of one full year's work (30 credits) may be accomplished in this way. For further information, write to Regents College, Test Administration, 7 Columbia Circle, Albany, NY 12203-5159 or access the ACT PEP Web site at https://www.excelsior.edu/Excelsior_College/Excelsior_College_Examinations.

ADMISSION TO A MAJOR

Qualified students are admitted to a major when they are accepted into the college. Students who are suitably qualified but undecided about their selection of a major may matriculate in the Career Discovery Program (CDP). A student who has attained 45 credit hours must be accepted into a major program or may be subject to dismissal from the college.

CAREER DISCOVERY PROGRAM

Students who are admitted to the college but who have not been declared or have not been accepted into a college major will be assigned to the Career Discovery Program (CDP). The CDP coordinator will advise all students in the program. Within this group of students, those who are taking course work intended to complete the entrance requirements for a desired major will also be required to take CDP 101 Perspectives on Professions I. At the end of one semester, if these students are accepted into their major of interest, they will be transferred from the CDP into the new major. Students who have not been successful in admission to the major of interest after one semester of course work will be required to take CDP 102 Perspectives of Professions II. Upon completion of the CDP course work, but not later than the beginning of the third semester of academic work or completion of 45 credit hours, the student must choose an academic major or risk being dismissed from the college.

DOUBLE MAJOR

Students may major in two academic areas. The student will be required to fulfill degree requirements in both curricula. This may be done within the minimum 120 hours. Students must be formally accepted for admission into each degree program.

SECOND BACHELOR'S DEGREE

To earn a second baccalaureate degree, a student is required to complete at least 30 credit-hours at D'Youville in addition to those required for the original baccalaureate degree. All requirements for the curriculum in which the second degree is earned must also be satisfied.

CHANGE OF MAJOR

Any student who changes majors must complete a change of major form available in the registrar's office.

When making a formal application for a change of major, the student may request that specified courses required for the first major be excluded from the second major. The following conditions will prevail:

1. Course to be excluded was required in the previous major.
2. Course cannot be applied to core requirements except in the area of free electives.
3. Once approved, both credit(s) and quality points will be excluded from calculation toward the second degree.
4. Student must initiate the request in writing to the registrar.

The student may choose to keep some courses from the previous major and drop others. All courses taken remain on the student's transcript as part of the complete record, but the courses excluded will not be added to the cumulative GPA.

Students who have applied and been accepted into a new major will be assigned a new academic advisor by the chair of the new academic major.

ACADEMIC ADVISOR

All students at D'Youville College are assigned an academic advisor within their major or are advised through the academic advisement center. Advisors help assess progress, give direction in the program of study and assist in the choice of courses. Students must meet with their advisor before registering to obtain a personal identification number (PIN). After the online registration period is over, the advisor's signature on a drop/add form is needed to make any changes or additions to their schedule after online registration.

Students are welcome to contact their advisor at any time during the semester. All faculty members post and observe regular office hours and are also available by appointment.

Change of Advisor

Ordinarily a student will retain the advisor assigned by the department chair or academic advisement center. An individual wishing to change advisors should obtain a change of advisor form. After completing the form with the required department signatures, the student must return the form to the registrar's office for processing.

REGISTRATION

Specific online registration dates are assigned for each class year; dates and time of registration are posted on the registrar's Web page and outside the registrar's office in KAB, Room 221. Students must obtain their personal identification number (PIN) from their academic advisor to register online.

Prior to registration, students must consult with their academic advisor and insure their billing accounts are in order. At the time of registration, the student must be in compliance with New York state health laws.

Student schedules are available online at www.dyc.edu under the Student and Course Information link (STACI).

Once officially registered, the individual is responsible for payment of tuition and fees. No one will receive credit for a course unless officially registered for it.

To avoid a late registration fee, continuing students must register no later than one week before classes begin.

PREREQUISITES AND COREQUISITES

Prerequisites are courses that must be successfully completed (as determined by the regulations of the department in which the course is taught) before a specific course is begun. These courses generally are part of a sequence that a department determines must be completed for the integrity of the discipline and the benefit of the student. Individual departments may set higher standards of acceptable completion of prerequisites in order to progress to the next level of the major.

Corequisite courses must be successfully completed either before a specific course is begun or at the same time as a designated course. If a corequisite has not previously been completed successfully, the student must register for both the designated course and the corequisite at the same time. In most cases, withdrawal from the corequisite may result in the need to withdraw from the primary course. Students may occasionally (after consulting their academic advisor) wish to withdraw from a corequisite course in mid-semester while remaining in the other course. This can only be done with the agreement of the instructor of the course in which the student wishes to remain. It is recommended in such a case that the student continue to audit the corequisite course while attending the other, and that the corequisite be completed during the next semester in which the course is offered.

In some divisions, courses are listed as prerequisite and corequisite to more than one course. In this instance, students may withdraw from a course but must successfully complete it prior to beginning the higher level course for which it is a prerequisite.

CROSS-LISTED COURSES

Several courses are listed in two disciplines. At the time of registration, the student may select the discipline where the credit will be applied and should indicate this on the registration form. Cross-listing is indicated after the course description in the catalog.

CONTINUOUS REGISTRATION

Once accepted into an academic major, students are required to register for classes each semester and to remain in program pursuit. Any student who is unable to register for any semester(s) must contact the registrar's office and complete the leave of absence/withdrawal form. Students who fail to continuously register, and who also fail to file for a leave of absence, will be considered as withdrawn from the college and will need to reapply for admission.

Students are required to have an active status the semester they graduate. Specifically, students must be registered for at least one class during their final semester. Any exception to this policy, including off-campus study, must be approved by the registrar and the vice president for academic affairs.

COURSE LOAD

Full-time undergraduate students carry 12 or more credits. Full-time tuition covers from 12 to 18 credit hours.

Students with a G.P.A. of 3.0 or above may elect to carry more than 18 hours a semester. Specific permission for this is obtained from their department chair. Students are charged for any credit hours over 18 at the current rate per credit hour.

CHANGE OF REGISTRATION (DROP/ADD PROCEDURE)

Students may change their course selection by submitting a completed drop/add form to the registrar's office only before the scheduled drop/add deadline without academic or financial penalty. Students need their advisor's signature on the drop/add form when adding or deleting a course. If a student merely wishes to change the section but retain the same course, only the student's own signature is needed on the form. However, in those majors where student schedules are constructed with a pre-determined block of courses and laboratories, the signature of the department chair is necessary to authorize a change of section. Students may not "force register" by appearing in a class.

COURSE AUDIT

Permission to audit a course must be obtained beforehand from the department chair after consultation with the instructor. The request to audit must be made at the time of registration.

Credit is not given for audited courses; a notation of AU appears on the transcript in place of a grade. The classification of Audit, and accompanying AU grade, cannot be changed after the Add/Drop period. The fees for auditing are equivalent to those for regular credited courses, except for alumni as indicated in the fee schedule.

DIRECTED STUDY

In unusual circumstances, a student may be advised and permitted to take a course in the regular curriculum on a directed-study basis. Reasons for giving this permission are commonly related to the student's status and at the discretion of the chair of the department from which the course is taught.

- (a) as a candidate for graduation whose program requires the course or
- (b) as a transfer into the major for whom the course is unavailable because of the course scheduling rotation.
- (c) when a course, which is offered only occasionally and is not necessary for the major, is sought by a student as an elective.

The student must obtain the approvals as indicated on the directed study form available in the registrar's office. No directed studies are permitted in any nursing clinical courses or student teaching assignment.

INDEPENDENT STUDY

A student pursuing an independent study is able to pursue some special area of interest that is beyond the scope of current course offerings at D'Youville.

Seniors and juniors who have a cumulative average of at least 3.0 are eligible. Exceptions may be possible through petition if the cumulative average is at least 2.5.

The student undertaking such a project should have an appropriate background preparation in the subject.

Independent study courses will be designated by the discipline code letters, the numerals 479 (fall offering) or 480 (spring offering) and the initials IS, e.g., NUR 479IS. The title will reflect the course content.

The student must complete a written proposal of the study and obtain the approvals as indicated on the independent study form available in the registrar's office.

SATISFACTORY / UNSATISFACTORY OPTION

All satisfactory/unsatisfactory grades appear on the transcript as S (Satisfactory) or U (Unsatisfactory) with no quality points assigned. Students may choose to receive an S/U grade in free elective courses in the core and in any course outside the major program requirements. A maximum of eight credit bearing courses may be chosen for an S/U grade during the college career.

Courses may be taken in any semester as long as the total number of courses does not exceed eight.

Students must make application for an S/U grade by mid-semester as specified in the current college calendar. This is usually the eighth week of the semester. Once selected as S/U, a course may not subsequently be taken for a letter grade.

REPEATING A COURSE

1. Students may repeat any course once. In each case, an "R" is placed before the original grade on the transcript, and replaced by the second grade earned, whether higher or lower, when calculating the G.P.A. Students must complete and submit the appropriate form, from the registrar's office, at the time of registration for a second repeat of a course. Students should take note that, if the repetition is not required by the college, New York state will not allow the credit hours for the course to be included in the minimum course load required for financial aid purposes.
2. For any additional repeat of any course, permission must be recommended by the department chair and forwarded to the vice president for academic affairs for final decision.
3. Students who fail a course or do not meet minimum course requirements for a major at

D'Youville College may only replace the failure by passing the course at D'Youville College. Only by special permission would a student be allowed to register off campus for a course failed at D'Youville College. Permission must be secured beforehand according to the off-campus study form.

OFF-CAMPUS STUDY

After formal matriculation at D'Youville College, students are expected to complete all course work applicable to the degree at D'Youville College.

In certain unusual circumstances, off-campus study may be allowed. Permission must be obtained, including all required signatures on the off-campus study form, prior to registering for the course. Conditions which might facilitate permission for off-campus study include the following:

1. A course is not offered at D'Youville or is being offered at a time when the student would be more than 50 miles from the D'Youville campus. (However, the latter does not apply if the course is being offered as an internet course.)
2. The course is necessary for the student at that specific time to maintain appropriate progress toward a degree.
3. Students who fail a course or do not meet minimum course requirements for a major at D'Youville College may only replace the failure by passing the course at D'Youville College. Only by special permission would a student be allowed to register off campus for a course failed at D'Youville College, according to the following conditions:
 - a. Permission must be secured beforehand.
 - b. Permission must be recommended by the department chair and forwarded to the vice president for academic affairs for final decision.

CROSS REGISTRATION

Full-time undergraduate students may register for one course at another member college of the Western New York Consortium of Higher Education during the fall and spring semesters. A student must have an approved off campus study request, and may not become full-time by means of the cross-registration course. Cross registration of D'Youville students is subject to approval of their department chair and course availability at the member college. To complete cross registration, students must obtain a cross registration form from the registrar's office and obtain the appropriate signatures.

CHALLENGE EXAMINATIONS

Challenge examinations assume prior accomplishment of knowledge in the course to be challenged. Challenge examinations may be taken for those courses that are specifically designated by number in the core or major and have been approved for challenge by the department in which the course is offered. The following limitations will apply:

1. A challenge examination is not a substitute for an independent study.
2. Determination of the student's prior knowledge and, therefore, eligibility for a challenge examination will be made by the instructor of the challenged course.
3. No course may be challenged in which the student has had prior course work.
4. A challenge examination must be taken within six weeks of application for the exam.
5. A student may challenge a course only once.

The challenge examination for a laboratory course should include a laboratory component, as determined by the department of the challenged course.

Credits earned by a challenge

examination will be designated "Challenge Exam Credit" in the student's transcript if the examination is passed at a level acceptable to the requirements of the student's major course of study. Nothing will be entered in the transcript if the examination is not passed at this level. Challenge exams do not count against the total number of credits a student is allowed to take on an S/U basis. No grade or quality points will be assigned.

Students who need more information on challenge examinations may meet with the chair of the department in which the course is taught.

EXCEPTIONS TO DEGREE REQUIREMENTS

Exceptions to major programs and/or degree requirements must be made in writing. Forms (course substitution/waivers) for this purpose are available in the registrar's office. Verbal approval is not sufficient.

It should be noted that when a course is waived, the credit requirement is not. Another course must be substituted for the original requirement.

WITHDRAWAL FROM A COURSE

In order to withdraw from a course at any time, a student must complete a course (drop/add) form, obtain the signature of the advisor and return the form to the registrar's office before the end of the tenth week of the semester.

The student receives the grade of "W" when the student withdraws after the end of the drop/add period but before the end of the tenth week of the semester. Students who withdraw after the tenth week or do not follow this procedure but merely stop attending class will receive a grade of "F" or "FX" for the course.

EXAMINATIONS

Course examinations are given at the option of the instructor. If midterms are to be given, they are normally scheduled during a regular class period at approximately the eighth week of the semester.

Final examinations are scheduled by the registrar to be held at the end of the semester. The final examination period commences after study days as noted in the college calendar. Normally, final examinations are scheduled for Monday evening and all day Tuesday through Saturday following the end of classes.

A student should not regularly have more than three final examinations in any specific day. In the instance where this occurs, students should bring documentation (i.e., registration record and exam schedule) to the attention of the professors involved, who may make alternative arrangements in individual cases. Professors who find that a substantial number of students have such conflicts may wish to consult with the registrar and reschedule their examinations.

In those cases when the examination schedule must be postponed or interrupted because of external forces (i.e. weather), examinations will be rescheduled as soon as feasible.

GRADING

Grade Reports

Approximately two weeks after the close of the semester, grade reports are available to students on STACI. If a mailed grade report is requested for employment or health insurance verification, it will be sent to the permanent address provided by the student.

I Grade

The grade of I (incomplete) is used when the instructor is not prepared to give a final mark for the semester, either because of the student's illness or some other justifiable delay in the completion of the course requirements.

Application for an I grade must be made on a form issued by the registrar's office and must include the instructor's signature. Students who do not follow this policy and have not satisfactorily fulfilled the requirements for the course will receive a grade of F.

The grade of I becomes an F if the work is not completed before the end of the eighth week of the following semester. Continuous registration is required. All incomplete grades will automatically be converted to Fs the first semester a student is not registered. Exceptions to this provision may only be granted by the vice president for academic affairs. If a student takes a leave of absence, an incomplete extension must be approved by the professor and the vice president for academic affairs.

Grade Change (All Grades Except "I")

Grades that have been recorded in the registrar's office can be changed only by the faculty member and with the permission of the department chair and vice president for academic affairs. Forms for this purpose are available to faculty in the registrar's office.

Dean's List

Full-time matriculating undergraduate students who have attained a semester average of 3.40 or above are eligible for the dean's list. Students with grades of incomplete at the end of a semester are ineligible for the dean's list for that semester. Students not enrolled in at least 12 undergraduate credit hours in a semester are not eligible for the Dean's List.

Students who earned dean's list status in either the previous spring or fall semesters are acknowledged during the honors convocation held each spring.

ACADEMIC PROBATION / MANDATORY LEAVE OF ABSENCE FROM THE COLLEGE*

The Academic Policies Committee reviews each student's academic progress. Second semester freshmen, sophomores, juniors and seniors are expected to maintain a minimum cumulative G.P.A. and a semester G.P.A. of 2.0. First semester freshmen are expected to earn a semester G.P.A. of at least 1.8. A student's academic standing is determined by the cumulative grade point average (G.P.A.). Students failing to meet these G.P.A. requirements receive a letter of warning from the vice president for academic affairs and are placed on academic probation for one semester. After two consecutive semesters on probation, a student may be required to take a leave of absence or may be dismissed. Probation continues beyond two semesters only under extraordinary circumstances.

First-semester freshmen with a cumulative G.P.A. below 1.8 are placed on academic probation for one semester and limited to 13 credit-hours in the following semester. After two consecutive semesters with a cumulative G.P.A. below 1.8, a freshman is subject to dismissal from the college.

Students on academic probation are limited to a maximum of 13 credit hours. Freshmen and sophomores placed on probation by the Academic Policies Committee will be required to meet with a designated contact person in the Learning Center to develop an academic plan constructed to improve their cumulative G.P.A. Juniors and seniors will be subject to policies developed by their department. Failure to make these contacts may result in dismissal or mandatory leave of absence following review by the academic policies committee.

No student who has been placed on a mandatory leave of absence will be permitted to take courses on a non-matriculated basis during the term of the leave.

**Certain academic programs have more restrictive requirements; please refer to specific degree program description.*

DISMISSAL FROM MAJOR

A student dismissed from an academic major may transfer into another major before the beginning of the next semester, providing the student is qualified for and accepted by the new major. In the case of immediate transfer into a new major, the student's departmental file will be forwarded upon acceptance. Otherwise, the following policies will apply: When a student is dismissed from an academic major, the chair of that program will place a statement of explanation in the student's file detailing conditions under which the student may or may not re-apply to the program. The student's file will be forwarded to the coordinator of the Career Discovery Program and the student will be advised in the advisement center. The student will be required to take CDP 201, Career Planning (1 credit), in the semester immediately following the dismissal from the original major in order to continue to matriculate. Upon completion of this course, students must choose a major if they have completed 45 credit hours of academic work. If a student is unable to comply with these policies, the student may be dismissed from the college.

LEAVE OF ABSENCE

Leave of absence forms are located in the registrar's office. Students who have attended classes and are granted a leave of absence from their studies at DYC (or have a leave of absence mandated by the Academic Policies Committee) are not permitted to take courses at another institution during the time of the leave. In the exceptional

case where this might be allowed, it may only be done with previous permission (refer to off campus study form). Students can request a leave of absence for one or two consecutive semesters. Students who need additional semester(s) of leave must receive approval from the vice president for academic affairs.

Ordinarily, a student may not request a leave of absence after the twelfth week of the semester. Special consideration is given for illness or other extenuating circumstances. The vice president for academic affairs must give permission in these cases. In the event that a student does not return at the time stipulated, the leave automatically becomes a withdrawal. The student must then apply for readmission to the college.

WITHDRAWAL FROM THE COLLEGE

A student intending to withdraw from D'Youville must contact the department chair in person or in writing and submit the proper withdrawal forms to the registrar's office.

Withdrawal will be considered effective the date the written intent of withdrawal is received. The procedure is not complete until the written intent is properly filed with the college.

If the withdrawal procedure is completed mid-semester, courses for which the student is currently enrolled will be assigned the grade of W. No tuition refund will be made after the sixth week of the semester or after dates stated in the summer session brochure.

Discontinuance of attendance, notifying instructors or mere telephone contact with college personnel DOES NOT constitute an official withdrawal. Students remain academically and financially responsible for all courses for which they have enrolled until the withdrawal procedure has been finalized with the registrar's office.

THE “FRESH START” RULE

1. An undergraduate student who re-enrolls at D'Youville College after an absence of five or more years may petition the registrar to re-evaluate all course work attempted in the student's previous residency. If the petition is approved, all courses taken will remain on the permanent record. Those with grades of C- or higher or S (satisfactory) will be counted for credit; all others will not.
2. If the petition is approved, the student resumes his/her academic program with no cumulative grade point average and, therefore, is subject to the conditions of warning, probation and dismissal that govern all students.
3. Under the provisions of this rule a student prior to graduation, must be re-enrolled for a minimum of 30 credit hours.
4. All courses ever taken at D'Youville College will be used in the calculation of the cumulative grade point average required for graduation with honors.

CANDIDACY FOR GRADUATION

To be eligible for a baccalaureate degree, a student must fulfill all core curriculum and major requirements, earn an overall grade point average of 2.0 and complete at least 30 undergraduate credit hours at D'Youville. The minimum number of credit hours required for any degree is 120 at the undergraduate level. Individual majors may require a greater number of credits and/or a higher grade point average.

VERIFICATION FOR GRADUATION

Responsibility for fulfilling degree requirements rests with the student. Final verification is done by the registrar.

Each student must submit an application for graduation form to the registrar's office to verify eligibility for graduation. This should be completed no later than October 30 for students graduating in May or August of the following year. Students who expect to graduate in December should complete the verification process during the preceding spring semester.

The commencement ceremony is held in May. Students are eligible to participate in the commencement ceremony if all degree requirements are completed in December of the preceding year, in May or in the following August. A student may be eligible for August completion only if there are no more than nine credits to be completed during the summer session.

All financial obligations to D'Youville must be fulfilled before the diploma can be awarded or transcripts issued.

GRADUATION HONORS

On the basis of the cumulative undergraduate grade point average, honors at graduation are awarded as follows:

- 3.46 cum laude
- 3.70 magna cum laude
- 3.90 summa cum laude

Transfer students must complete at least 60 credit hours of graded course work at D'Youville to qualify for honors at graduation. S/U courses and challenge examinations do not count towards honors.

NOTE: For students in programs requiring licensure, registration or certification for entry into practice, please note that graduation from an academic program does not guarantee licensure, registration and/or certification. For additional information, refer to the degree program section of this catalog and/or contact the department chair of a specific program.

RELIGIOUS HOLIDAYS

D'Youville College complies with state regulations regarding religious holidays. State Education Law S224-a, regarding students unable because of religious beliefs to attend classes on certain days, states the following:

1. No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that he/she is unable, because of religious beliefs, to attend classes or participate in any examination, study or work requirement on a particular day or days.
2. Any student in an institution of higher education who is unable, because of religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.
3. It shall be the responsibility of the faculty and the administrative officials of each institution of higher education to make available to each student, who is absent from school because of religious beliefs, an equivalent opportunity to make up any examination, study or work requirements the student may have missed because of such absence on any particular day or days. No fees, of any kind, shall be charged by the institution for making available to the student such equivalent opportunity.
4. If classes, examinations, study or work requirements are held on Friday after 4 p.m. or on Saturday, similar or make-up classes, examinations, study or work requirements shall be made available on other days, where it is possible and practicable to do so. No special fees shall be charged to the student for these classes, examinations, study or work requirements held on other days.
5. In effectuating the provisions of this section, it shall be the duty of the faculty and of the

administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial efforts shall result to any student who makes use of the provisions of this section.

6. Any student, who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section, shall be entitled to maintain an action or proceeding in supreme court of the county in which such institution of higher education is located for the enforcement of rights under this section.

FAMILY EDUCATION RIGHTS AND PRIVACY ACT OF 1974 (FERPA)

D'Youville College students or parents, as provided by statute, may review any official records, files and data directly related to themselves that are on file with the registrar's office or in the career services center. The files available include identifying data, academic work completed, grades, family background information, references, ratings and/or observations. (References, ratings and/or observations completed before Jan. 1 1975 or that are older than seven years are not available to students.) Requests to see the aforementioned materials should be made in writing to the registrar or the director of the career services center, respectively. The records, files and/or data will be made available no later than 45 days from the time the written request is received.

Student records, files, and data will be made available to other individuals or agencies outside of the college only after the student concerned has authorized the release of the information. However, the following are exceptions:

1. Authorized officials (e.g., officials of other schools in which the student seeks to enroll);

2. Accrediting organizations;
3. In the case of an emergency, if the knowledge of such information is necessary to protect the health and safety of the student or other persons.

The following, however, is considered directory information: the student's name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended by the student. This information may be released by D'Youville without the consent of the student unless the student has specifically requested in writing that his or her consent be obtained beforehand.

Directory information will not be made available to the party requesting it unless the appropriate administrative officer of D'Youville College has considered and approved the request.

A student or parent, as provided by statute, may request in writing a review of information that may be inaccurate and/or misleading. The review will be conducted by an appropriate D'Youville administrative officer who does not have a direct interest in the outcome.

According to FERPA, information contained in the educational records of students who are 18 years of age or enrolled in post-secondary institutions may be sent to the parents without the written consent of the student only if the student is a financial dependent of the parents. (The term dependent is defined in section 152 of the Internal Revenue Code as an individual [son, daughter, stepson or stepdaughter of a taxpayer] who receives over half of his/her support from the taxpayer during the given calendar year.)

CHANGE OF NAME, ADDRESS AND PHONE

It is the responsibility of each individual student to notify D'Youville College, in writing, of any change of name, address or phone number. Forms are available in the registrar's office.

TRANSCRIPT OF ACADEMIC RECORD

A transcript of an academic record includes all courses taken at D'Youville College and credit hours earned at D'Youville, as well as earned credit hours accepted as transfer credit. Extraneous information from other colleges or from high school records is not included on the D'Youville College record.

All requests for transcripts must be made to the registrar's office in person or in writing. To protect students, the registrar's office recommends that official transcripts bearing the college seal be mailed directly to the agency or institution requiring them. If a student needs an official transcript to complete either a college or employer application, the transcript will be issued in a sealed envelope and "Issued to Student" will be noted on the transcript. If the envelope is opened or tampered with, the transcript is no longer considered official. Unofficial student copies of transcripts are available on STACI for the personal use of current students. Current transcript fees are listed in this catalog in the section titled "Expenses and Financial Aid." A transcript or any information concerning a student's record will not be released if there is any outstanding indebtedness to the college.

Transcript requests are processed in the order they are received. During times of particularly high-volume activity, such as periods of registration, grade reporting or commencement, transcripts may not be processed immediately.

Academic Programs

D'Youville has structured its curriculum in the liberal arts tradition. All professional programs include a solid foundation in liberal education.

DEGREES

D'Youville's four-year programs, leading to bachelor of arts, bachelor of science, and bachelor of science in nursing degrees are registered with the New York State Education Department.

Graduate degree programs are offered in nursing (M.S.), clinical nurse specialty in community health nursing (M.S.), education (M.S.), family nurse practitioner (M.S.), health services administration (M.S.), international business (M.S.), occupational therapy (M.S.) and masters in business administration (M.B.A.).

A professional doctorate is offered in chiropractic (D.C.) and physical therapy (D.P.T). Doctoral programs are offered in health policy and health education (Ed.D.) and educational leadership (Ed.D.).

Dual-degree programs are offered in dietetics (B.S./M.S.), international business (B.S./M.S.) and occupational therapy (B.S./M.S.). A dual-degree in nursing is available for registered nurses with an associate's degree (B.S.N./M.S.). A two-degree program is offered in physical therapy (B.S. + D.P.T.). A two-degree program is offered in chiropractic (B.S. + D.C.).

To be eligible for a baccalaureate degree, students must fulfill all core curriculum and general program requirements, earn an overall quality point average of at least 2.0 and complete at least 30 credit hours at D'Youville. The required G.P.A. in specific programs is indicated later in this catalog. The minimum number of credit hours required for graduation is 120. One-half of the major credit hours must be earned at D'Youville.

Students who consider themselves eligible for a degree must request a degree audit from the registrar's office no later than the fall semester preceding graduation. This is usually referred to as a "Clearing for Graduation." Final responsibility for fulfilling degree requirements rests with the student. Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain financial aid awards.

CORE CURRICULUM

D'Youville College firmly believes that the liberally educated person is free from a narrowness of interest which results from excessive specialization. Therefore, a central aim is to introduce students to the principal areas of human learning and to enable students to cultivate respect for those areas.

To help achieve this, D'Youville requires that all students take a rounded program of humanistic studies called the core curriculum. The faculty of D'Youville College have adopted the following statement of the goals of the core curriculum:

1. The core seeks to instill intellectual breadth in our students by leading them to a thorough and reflective understanding of the diverse answers to the great social and scientific problems that have confronted humanity throughout history and across cultures. The core also seeks to provide the students with the tools to assess the applicability of emerging as well as already extant answers to these problems. In this way it prepares them to think critically and render sound decisions in their personal and professional lives.
2. The core seeks to teach students to write well and to speak effectively. But this is only one side of communication. The core also seeks to instill the love of reading and the ability to listen to others. By teaching students to listen as well as to contribute, the core equips them to work effectively as individuals and as members of a group.
3. The core seeks to prepare our students for the future by encouraging them to understand and explore emerging technologies.
4. The core promotes a desire in our students to understand and search for beauty and passion, be it in art, music, literature or other aspects of their lives.
5. The core requires students to re-examine their own lives and their own ethical beliefs by examining how the best thinkers humanity has to offer have grappled with the central questions of human life. While the core cannot compel virtue, it is to be hoped that our students will independently accept the obligation and the responsibility of full participation in society, both locally and globally, with honor, magnanimity and civility.
6. The core seeks to instill in students an understanding of their place in history and the vast tapestry of world cultures.
7. The core seeks to produce students who will dedicate themselves to their own lifelong intellectual and spiritual development, and who will foster an atmosphere of intellectual freedom in which others may realize these goals.

Core Curriculum

The core curriculum consists of at least 19 courses distributed as follows:

HUMANITIES:

Eight courses are required, including:

- ENG 111 ENGLISH COMMUNICATION
- ENG 112 ENGLISH COMMUNICATION
- PHI 201 ETHICS IN THEORY AND ACTION
- or RS 201 RELIGION AND SOCIAL RESPONSIBILITY

Five courses selected from the following areas, with choices made from at least three of the five areas:

LITERATURE: Any literature course in English or a foreign language

FINE ARTS: Any course listed under fine arts, music, dance, theatre arts, speech or creative writing

PHILOSOPHY: Any course

RELIGIOUS STUDIES: Any course

FOREIGN LANGUAGE: Any course

SOCIAL SCIENCES:

Four courses are required, one from each of the following areas:

HISTORY:

- HIS 103 COMPARING WORLD CIVILIZATIONS
- HIS 111 GROWTH OF WESTERN CULTURE
- HIS 203 AMERICAN ECONOMIC & SOCIAL HISTORY TO 1865
- HIS 204 AMERICAN ECONOMIC & SOCIAL HISTORY SINCE 1865

NOTE: A student entering with a high school average of B or better and a B or better average in social studies may elect any upper level history course to fulfill the core requirement.

SOCIOLOGY:

- SOC 101 PRINCIPLES OF SOCIOLOGY
- SOC 102 SOCIAL PROBLEMS

PSYCHOLOGY:

- PSY 101 GENERAL PSYCHOLOGY
- PSY 203 DEVELOPMENTAL PSYCHOLOGY

POLITICAL SCIENCE/ECONOMICS:

- PSC 201 AMERICAN GOVERNMENT AND ECONOMICS
- ECO 201 MACRO ECONOMICS
- ECO 202 MICRO ECONOMICS

MATHEMATICS : One course, any 100-level course excluding MAT 101, is required.

COMPUTER SCIENCE: One course, any 100-level course, is required.

NATURAL SCIENCE:

Two courses at the 100 or 200 level are required, excluding CHE 105. At least one of the courses must include a laboratory component.

ELECTIVES: Three courses outside the requirements for the major field are also required.

NOTE: If a student is exempt from any one core course, that student's core curriculum is reduced to 18 courses. If a student is exempt from more than one core course, the core curriculum remains at 18 courses and the additional free hours are added to the elective area. In all cases, at least 120 credit hours must be earned in order for a baccalaureate degree to be awarded.

WRITING INTENSIVE PROGRAM (WIP)

Designated courses in the Writing Intensive Program have two purposes: to develop expository skills and to teach the use of language as an instrument for thinking across disciplines. Such courses aim to develop student writers' mastery of language so that they may discover, organize and communicate their knowledge. "WIP" courses are offered in a variety of disciplines. They offer students guided practice in writing in differing fields across the curriculum, teach the skills necessary to write for the course/discipline and offer intensive professor/student interaction.

Requirement: Every candidate for any undergraduate degree (including B.S./M.S. degrees) entering the college in the fall 1999 semester and later must successfully complete two courses designed "Writing Intensive Program." English 111 is a prerequisite for all WIP courses.

A student may satisfy one-half (one course) of the WIP requirement by transfer credit from another accredited institution for any course designated as writing intensive or satisfying the criteria of a DYC writing intensive course. To receive this credit, the student must present to the registrar and department chair copies of original course descriptions and assignments. Alternatively, a student may satisfy one-half (one course) of the WIP requirement by presenting a portfolio of writing to his or her department chair. The portfolio should consist of a minimum of 20 pages of formal writing (excluding drafts) and should reflect the standards of writing for the student's discipline and the student's ability to proceed to advanced work in that discipline. To verify authorship, any student presenting a portfolio may need to take an essay examination in the presence of his or her department chair, advisor or WIP director.

BUSINESS DEPARTMENT

D'Youville College, under the auspices of the department of business, offers bachelor degrees in accounting and business management. An accelerated program, Advance Program, in management is also offered to working adults. In addition, the department offers a combined five-year bachelor's/master's degree in international business.

The bachelor's/master's degree in international business combines specialized training in international business with a strong foundation in a foreign language, research, communication, ethics and interpersonal skills. Rapid changes in the global economy and the explosive growth in international trade and investment make it necessary that managers be trained in the following:

- Understanding for business practices,
- Managing cultural differences, and
- Communicating in foreign languages.

Top executives of international business confirm the need for managers with international business training, especially at the master's level. Graduates of this program will be able to pursue worldwide employment with the following:

- Multinational companies,
- International financial institution,
- Government agencies,
- Management consulting firms,
- Trading or transportation companies, and
- Colleges and universities.

The bachelor of science degree in management provides students with knowledge of the various

phases of management. The program creates a total experience in which students develop abilities, knowledge and attitudes which will help them perform as competent and responsible business managers. The curriculum prepares the student by emphasizing a firm basis of liberal arts and a common body of knowledge about management responsibilities.

The bachelor of science degree in accounting prepares the student to work in the fields of public accounting, private corporate accounting and financial management. The student who selects accounting as the field of concentration is trained in advanced principles in various systems, in cost analysis and in auditing and tax procedures. The program qualifies the student to sit for the Certified Public Accountancy examination in the majority of states, including New York.

The department of business also offers an advanced master's program in international business. Those interested can refer to the graduate catalog for additional information.

DIETETICS DEPARTMENT

The dietetics program is a five-year combined B.S./M.S. degree program for full-time or part-time students. Upon graduation, students are awarded a dual bachelor's of science and master of science degree. The program offers the experiences and training required to be eligible to take the national exam to become a registered dietitian. Program components include summer sessions and fieldwork experience. The coordinated program begins in July (between the third and fourth years).

EDUCATION DEPARTMENT

The department of education offers an integrated five-year combined bachelor of arts in interdisciplinary studies and master of science in education degree for prospective teachers of youngsters at the childhood and adolescence levels. Students who wish to teach at the secondary level are enrolled in bachelor's degree programs in English, biology, history, mathematics or chemistry. Options are also available for students who wish to pursue certification in teaching students with disabilities at both the elementary and secondary levels.

Those who already possess a baccalaureate degree and wish to be certified to teach or add an area of certification may enroll in a post-baccalaureate sequence. Information is available from the department of education and the graduate catalog.

The program in education prepares a student to be a teacher professional. Structured in a liberal arts tradition, the curriculum introduces the student to the principal areas of human learning, develops an intellectual and social maturity that allows one to realize his or her potential as a responsible individual, and provides each student with the capabilities to meet the challenges and demands of a pluralistic world in an effective, productive manner. Professional education courses and field experiences provide the support necessary for teacher competencies of knowledge, skills, attitudes and understanding, and the degree of necessary expertise to function effectively in an educational classroom setting. A D'Youville College department of education graduate has the following qualities:

- The student has acquired a knowledge of the social, philosophical and organizational bases of American education.
- The student is, foremost, a teacher professionally capable of rational classroom decision-making.

- The student demonstrates the ability to make intelligent decisions in working cooperatively with students, staff, parents and the community.
- The student possesses those personal attitudes, social skills, values and habits which are characteristics of a good teacher and which aid in communicating within a pluralistic society.
- The student exhibits written skill in planning for instruction, has a command of subject matter as evidenced by preparation and teaching performance, and shows knowledge of a variety of teaching methods and skillful use of materials related to teaching regular and/or exceptional students.
- The student has the ability to understand the purpose of evaluation and demonstrates the ability to evaluate student progress and growth through techniques specifically related to a given purpose
- The graduate continues to grow professionally and participates through study, research, reading, involvement in community events and membership in professional organizations and activities so that learning becomes a lifelong process.

HEALTH SERVICES ADMINISTRATION DEPARTMENT

The health services administration department offers a bachelor of science degree in health services management, a master of science degree in health services administration, and three advanced certificates in health services administration, long-term care and clinical research associate. The graduate programs and certificates are described in the graduate catalog.

The health services program is designed to provide a strong liberal arts and science background for undergraduate students who wish to enter the health services job market directly after graduation. It is also designed to prepare students to continue graduate studies in physical therapy, health services administration or other health-related fields.

INTEGRATIVE HOLISTIC HEALTH STUDIES DEPARTMENT

The department of integrative holistic health studies offers academic programs for individuals pursuing careers in the holistic and/or complementary and alternative healthcare fields. The department currently offers a graduate certificate program in hospice and palliative care and a professional doctorate of chiropractic (D.C.) degree.

LIBERAL ARTS DEPARTMENT

A student seeking to become a liberally educated person needs exposure, in breadth and in depth, to the humanities and the social sciences.

These studies, concerned not merely with information but with values, help the student's development as a total person. This implies not only intellectual and social development, but also maturity in assessing the values essential to a sound philosophy of life. The department of liberal arts offers degrees in English, global studies, history, psychology, sociology and philosophy. Requirements for these programs are listed in the courses of instruction section of this catalog. Courses are also offered in foreign languages, fine arts, gerontology and religious studies.

Students within the department must maintain a minimum 2.00 grade point average in courses taken at D'Youville in their major subject area.

MATHEMATICS AND NATURAL SCIENCES DEPARTMENT

Knowledge of science and mathematics is essential to the development of a liberally educated person. The student with a special interest in biology, chemistry and mathematics will find in them a foundation for a wide variety of professional careers. These career opportunities are expanding rapidly in today's increasingly technological society.

The community of scholars that comprises the faculty of math and natural sciences is committed to excellence in teaching, learning and research. The MNS faculty encourage scholarship, skeptical inquiry and the free exchange of ideas within the department and in the classroom and laboratory, and promote the application of this knowledge beyond those settings. The department seeks to foster these principles in every one of its students, regardless of academic background, in ways that can both be measured and defy measurement.

All students take some science and mathematics courses. The department offers two bachelor's degrees in biology, one in mathematics and one in chemistry. Requirements for these programs are listed in the courses of instruction section of this catalog. The department offers structured minors in biology, chemistry, mathematics and natural sciences. The department also provides the basic science courses for many programs, including nursing, physician assisting, chiropractic, interdisciplinary studies and occupational therapy.

Students within the department must maintain a minimum 2.0 grade point average in courses taken at D'Youville in their subject area.

NURSING DEPARTMENT

The undergraduate and graduate programs are fully accredited by the Commission on Collegiate Nursing Education (CCNE). The basic professional program leads to the bachelor of science in nursing (B.S.N.) degree in four academic years and prepares the student to sit for state board NCLEX-RN Examinations. The program has a strong liberal arts foundation preparatory to and correlated with professional courses. Students begin clinical course work in the sophomore year and complete a variety of clinical experiences before graduation.

A special curriculum (R.N./B.S.N. completion program) is available for R.N. students with an associate degree in nursing. The curriculum is designed to capitalize on the knowledge and experience gained from previous college course work. Other R.N.s will receive individualized academic advisement to create a program designed to meet their particular needs.

The combined B.S.N./M.S. program for registered nurses with an associate degree enables the R.N. to complete both the B.S. and M.S. in a combined course of study. Students must meet existing admissions criteria for both programs and have one year of work experience.

Graduate nursing programs are offered leading to a master's of science in nursing (choice of clinical focus), family nurse practitioner or community health nursing. The community health nursing program includes concurrent preparation in either teaching, management or high-risk parent and children nursing. The master of science program (*choice of clinical focus*) is 30-36 credit hours, family nurse practitioner is 39 credit hours and the community health nursing program is 36-54 credit hours. A thesis or project option is available in each of the programs.

All programs include a focus on community-based practice, interdisciplinary health care studies and collaboration and

partnerships with clients, health care professionals and agencies.

Graduates are prepared for careers in a multitude of health care settings including primary care, community and home health nursing, hospital nursing, long-term care nursing and new independent roles in managed care settings. Employment opportunities vary by specific programs.

Information about requirements for the B.S.N. and B.S.N./M.S. nursing programs is found in the course of instruction and programs of study sections of this catalog. The M.S. programs and graduate course offerings are found in the graduate catalog.

OCCUPATIONAL THERAPY DEPARTMENT

The occupational therapy program is a five-year combined B.S./M.S. program. The curriculum begins with a strong liberal arts core. The core curriculum provides students with a general knowledge base and the opportunity to develop analytical abilities that are the foundation for excellence in the professional competencies. Students also declare and complete a structured minor. Students complete six months of full-time fieldwork experience provided at a variety of settings across the country. In addition to a strong academic and clinical preparation, students are expected to complete a master's thesis or project based on a strong research component. The curriculum's academic, clinical and research components provide a thorough preparation for graduates to be successful in a variety of health care, educational and community settings.

PHYSICAL THERAPY DEPARTMENT

The physical therapy department offers a choice of pathways for freshmen acceptance into the sequential-degree entry-level physical therapy program.

- B.S. in biology + D.P.T. program offered through the math and natural sciences department
- B.S. in exercise and sports studies + D.P.T. program offered through the exercise and sports studies department
- B.S. in health services + D.P.T. program offered through the health services administration department

In this sequential-degree entry-level P.T. program, entering freshmen matriculate in and complete their B.S. degree through the respective departments. Upon completion of the B.S. degree, qualified graduate students then move directly into the three-year doctor of physical therapy (D.P.T.) program.

For a further description of the D.P.T. curriculum and academic requirements, please refer to the D'Youville College graduate catalog. Students will graduate with an entry-level doctor of physical therapy (D.P.T.) degree. The three-year graduate D.P.T. program is fully accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE) of the American Physical Therapy Association, [Commission Accreditation in Physical Therapy Education, 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703.716.3245; e-mail: accreditation@apta.org; Web site: www.capteonline.org] and is registered with the New York State Education Department (NYSED).

PHYSICIAN ASSISTANT DEPARTMENT

The physician assistant program offers a combined B.S./M.S. degree program. Graduates are eligible for the Physician Assistant National Certification Examination developed and administered by the National Commission on Certification of Physician Assistants.

The physician assistant program has been approved and registered by the New York State Education Department and is accredited by the Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARCPA). Students in the program are educated to deliver high-quality medical care as a physician assistant in primary care settings with an emphasis on service to medically underserved communities in our country.

CAREER DISCOVERY PROGRAM

D'Youville College offers the choice of the career discovery program for two types of students: those who wish to begin their college studies without an immediate commitment to a major and those who require more preparation before entering a particular major. Students may take up to four semesters before applying and being admitted into a major program of study.

Students in the Career Discovery Program begin with the Perspectives on Professions course in their first semester. This course helps student to define and assess interests, learn about majors and career choices, practice decision making in career options, and determine which majors are most suited for them. Contacts with professionals from various fields, guest speakers, job shadowing and internships are possible experiences for students in the program. Job search training and resume writing are also provided.

With the assistance of the program coordinator, academic advisors and faculty, students in the Career Discovery Program determine their major as soon as possible, but not later than after 45 completed credit hours.

INSTRUCTIONAL SUPPORT SERVICES AND DISTANCE EDUCATION

The department of instructional support services and distance education coordinates academic computer services, instructional media services and distance education. The department manages the academic computer labs and classrooms located in the new Bauer Family Academic Center (AC) and maintains hardware and software in those facilities. It maintains the distance education course management software, Blackboard, which is used to build *virtual classrooms*; produces video conferences for those wishing to conduct off-campus meetings while remaining on campus; and supports all D'Youville distance education courses. It supplies students, faculty, staff and D'Youville organizations with Web space for academic/campus-related activities. It provides technology inservice and user training to faculty, staff and students who use campus computing facilities and distance education services. It also supplies instructional media equipment to all college classrooms, supports videotaping and production in a state-of-the art facility, and provides post-production video editing services for students, faculty and staff. In addition, the department supervises the end-of-semester student satisfaction survey, creates and supports online surveys used by other departments, analyzes student and faculty technology needs on a regular basis and promotes the use of technology in academic areas.

D'YOUVILLE-BUFFALO PUBLIC SCHOOLS

D'Youville College and the Buffalo Public Schools system cooperate in formal partnerships on both the elementary and secondary school levels.

Students from the D'Youville-Porter Campus School 3, a K-8 school, receive computer, library and science laboratory instruction at D'Youville. Faculty members from both institutions collaborate on professional projects.

The Leonardo da Vinci High School, a magnet program in the liberal arts, uses D'Youville's campus for teaching and laboratory instruction. D'Youville provides educational support services as well as encouraging professional cooperation.

LEARNING CENTER

The Learning Center includes three components: the office of disability services, Student Support Services (SSS) and the Higher Education Opportunity Program (HEOP), cosponsored by the state Education Department and D'Youville College.

The Learning Center staff administers the Skills Assessment Inventory (SAI) reading, writing, math and chemistry tests to entering students, including transfers, in order to determine their readiness for required courses. It also provides non-credit courses in reading and study skills, writing and math. In addition, supplemental instruction (SI) is available in some courses. Professional tutorial assistance is provided in reading, writing, math and selected courses. An intensive, five-week pre-college skills program, EXCEL, is offered in the summer to enable current and incoming students to improve their basic skills.

Professional and peer tutors are also available to assist students in various high-risk courses, depending on the availability of tutors.

In addition to the instructional programs, academic counseling is available to students in the areas of personal development, general academic know-how and D'Youville College policies and procedures.

Students with disabilities or physical handicaps are encouraged to voluntarily contact the coordinator of disability services BEFORE the beginning of the semester to discuss and plan support services and accommodations. Students are advised to submit appropriate documentation as early as possible and to follow all procedures outlined by the office of disability services.

RESERVE OFFICERS' TRAINING CORPS (ROTC)

D'Youville College has a special cross-enrollment, tuition-free arrangement with Canisius College for students desiring leadership education through the Reserve Officers' Training Corps (ROTC) Program. For more details on this program, see military science under the courses of instruction section in this catalog and/or contact the Canisius College professor of military science (PMS) at (716) 883-7000.

SERVICE MEMBERS OPPORTUNITY COLLEGES (SOC)

D'Youville College is a member of Service Opportunity Colleges (SOC), a consortium of national higher education associations, which functions in cooperation with the Department of Defense (DOD), the military services and the Coast Guard to help meet the voluntary higher education needs of service members.

Degree Programs

<i>PROGRAM CODE</i>	<i>PROGRAM NAME</i>	<i>DEGREE</i>	<i>HEGIS CODE</i>
83625	Accounting	BS	0502
29322	Accounting/International Business	BS/MS	0502/0513
05873	Biology	BA	0401
83459	Biology	BS	0401
05883	Business	BS	0838
31302	Business Administration	MBA	0506
83476	Business Management	BS	0506
30643	Chemistry	BS	1905
28033	Chiropractic	DC	1221
88129	Dietetics	BS/MS	1306
28672	Educational Leadership	EDD	0827
EDUCATION			
22784	Adolescence Education	MS	0803
22781	Childhood Education	MS	0802
87508	Special Education	MS	0808
26610	Teaching English to Speakers of Other Languages	MSED	1508
22789	Teaching Students with Disabilities in Adolescence Education	MS	0808
22786	Teaching Students with Disabilities in Childhood Education	MS	0802
05889	English	BA	1501
28089	Exercise and Sport Studies	BS	1299
24521	Global Studies	BA	2210
27334	Health Policy and Health Education	EDD	1299
28090	Health Professions	BS	1201
28366	Health Sciences	BS	1201
24361	Health Services	BS	1201
89282	Health Service Administration	MS	1202
05897	History	BA	2205
85292	Human Occupation/Occupational Therapy	BS	1299/1208
25170	Information Technology	BS	0702
22780	Interdisciplinary Studies	BA	4901
20843	International Business	BS/MS	0513
21443	International Business	MS	0513
21519	Management	BS	0506
29645	Mathematics	BA	1701
82478	Community Health Nursing	MS	1203.1
20958	Nurse Practitioner	MS	1203.1
05888	Nursing	BSN	1203
21590	Nursing	BSN/MS	1203/1203.1
28657	Nursing	BSN/MS	1203/1203.1
28658	Nursing/Community Health Nursing	BSN/MS	1203/1203.1
27624	Nursing	BSN	1203.1
89578	Nursing/Community Health Nursing	BSN/MS	1203.1
21059	Nursing	MS	1203.1
26612	Occupational Therapy	MS	1208
05891	Philosophy	BA	1509
28171	Physical Therapy	DPT	1212
92142	Physician Assistant	BS/MS	1299.1
92142	Physician Assistant	MS	1299.1
22775	Psychology	BA	2001
05898	Sociology	BA	2208

Degree Programs

COURSES OF INSTRUCTION

ACCOUNTING

DEGREE: B.S.

The bachelor of science degree in accounting prepares the student to work in the fields of public accounting, private corporate accounting, financial accounting, or governmental or institutional accounting. The program is accredited by the International Assembly of Collegiate Business Education (IACBE).

Students wishing to major in accounting must have at least three years of high school mathematics.

Students who specialize in accounting must take MGT 304; LAW 303 and 304; ACC 211, 212, 311, 312, 321, 322, 401, 404, 417, 421 and 444; and two electives from ACC 389-90, 403, 407, 410; CSC 110 or 151; ECO 201, 202, 207 and 328; MGT 411. All accounting majors take ACC 444 (internship) for a minimum of 3 credit hours. A waiver of this requirement will be given only in exceptional circumstances as determined by the department chair. If a waiver is granted, the student must take another minimum 3-credit course stipulated by the department chairman in consultation with the student's advisor.

A student must earn at least a C in each course required for the major. A minimum of 15 credits in accounting courses and at least half (30) of the credits in the major must be earned at D'Youville. A student may repeat no more than three major courses in the total program.

Accounting Articulation Agreements

D'Youville has formed articulation agreements allowing transfer students from the following institutions and programs to enter the accounting program at the second- or third-year level:

SENECA COLLEGE, Ontario, Canada:

- Accounting and Finance
- Business Administration

ERIE COMMUNITY COLLEGE, New York:

- Business Administration
- Business Transfer

BRYANT & STRATTON, New York:

- Accounting

TROCAIRE COLLEGE, New York:

- Accounting
- Transfer Concentration

Agreement details and other information for transfer students are available in the department of business.

COURSE REQUIREMENTS

ACCOUNTING

DEGREE: B.S.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>Core Requirements for all business administration majors:</i>	<i>Credits</i>
ACC 211 Principles of Accounting	3
ACC 212 Principles of Accounting II.....	3
ACC 417 Personal Computers for Accountants.....	3
ACC 444 Internship.....	3
MGT 304 Communicating in Organizations.....	3
LAW 303 Business Law I.....	3
LAW 304 Business Law II.....	3
ECO 201 Principles of Economics - MACRO.....	3
ECO 202 Principles of Economics - MICRO	3
ECO 207 Statistics.....	3
MGT 411 International Business.....	3

Requirements for the accounting major:

ACC 311 Intermediate Accounting I.....	3
ACC 312 Intermediate Accounting II.....	3
ACC 321 Tax Accounting.....	3
ACC 322 Cost Accounting.....	3
ACC 401 Auditing	3
ACC 404 Advanced Accounting	3
ACC 421 Corporate Finance.....	3
ECO 328 Money and Banking.....	3

Two electives from:

ACC 420 CPA Problems	6
ACC 407 Fund Accounting	
ACC 403 Accounting Theory and Development	
ACC 410 Taxation of Corporation and Partnerships	

Major	63
Core Requirements and electives	57
Total	120

ACCOUNTING

DEGREE:

5-year B.S. in ACCOUNTING/M.S. in INTERNATIONAL BUSINESS

The revised section 52.13 (b)(2) of the Accounting Regulations requires that "on or after August 1, 2004, public accountancy programs registered for licensure purposes must be baccalaureate or higher degree programs that, by requisites or prerequisites, consist of at least 150 semester hours or their equivalent." These 150 hours must include a minimum of 33 semester (or equivalent) hours in the professional accounting content area, a minimum of 36 semester (or equivalent) hours in the general business content area and a minimum of 60 semester (or equivalent) hours in the liberal arts and sciences content area. The accounting program at D'Youville College fulfills these requirements by combining its existing B.S. in accounting program with its M.S. in international business program. The program is accredited by the International Assembly of Collegiate Business Education (IACBE).

ADMISSIONS REQUIREMENTS

Admission requirements for applicants entering as freshmen are as follows:

1. Combined SAT scores of at least 1000 (math and verbal) or ACT equivalent.
2. High school average of at least 85 percent.
3. High school ranking in the upper half of class.

Students must also demonstrate successful completion of two years of mathematics. One year of foreign language is recommended, but not mandatory. Although D'Youville does not mandate that letters of recommendation or a letter of intent to study a specific discipline be included with the application, students applying to the accounting and international business BS/MS program are strongly advised to include these documents with their application.

The admission requirement for transfer students is a minimum G.P.A. of 2.5. Transfer students are also strongly advised to include letters of recommendation and a letter of intent with their application. Students with a G.P.A. of lower than 2.5 may be considered for conditional acceptance on an individual basis. Conditionally accepted students can matriculate after completing four undergraduate or graduate courses, as appropriate, with a grade of B or better.

Applicants holding other baccalaureate degrees at the time of admission are not required to satisfy the college's core curriculum. However, foreign language (12 credits) and economics (ECO 201 and ECO 202) and accounting (ACC courses) requirements must be met prior to advancement to the fifth year of study. In addition, transfer students are highly recommended to gain competence in word processing and other basic computing skills prior to entering the program. Please note that students are admitted directly into the program and do not have to reapply for admission to the upper division of the program.

ACADEMIC REGULATIONS

To be in good standing during the first three years of the program students must do the following:

1. Maintain semester and cumulative averages of 2.5.
2. Maintain a minimum grade of C in all 100- to 400-level courses required in the major and for all other courses required for the major. Students who fail to obtain a grade of C in a required course for the major at the undergraduate level will not be permitted to enroll in major courses having an IB prefix at the 500 and 600 levels until the course is repeated with a minimum grade of C. If space is available, a course must be repeated with permission of the program faculty the next time it is offered. A course may be repeated only once.
3. Undergraduate program students experiencing academic difficulties may be required to decelerate their progress until an acceptable level of general academic performance is achieved. Permission to decelerate in the program must be obtained from the chair of the department of business.
4. Students at the undergraduate level can be placed on program probation only once. Any academic deficiency beyond the first program academic probation will result in dismissal from the program.

GRADUATE ACADEMIC REQUIREMENTS:

To be in good standing during the fourth and fifth years of the program:

1. A student must maintain a minimum semester and cumulative average of at least 3.0.
2. No more than a total of two courses with grades lower than B are applicable to the graduate level. This policy applies to all 500 and 600 level courses. A grade of C- or lower is not applicable to the degree in international business.
3. Students who fail to achieve a minimum grade of C- for any course included in the graduate portion of the program (500 or 600 level courses) will not be permitted to enroll for subsequent semesters of the graduate portion until the course has been successfully repeated with a minimum grade of C. If space is available, the course must be repeated the next time it is offered.
4. Students are required to obtain permission of program faculty prior to registration in fieldwork internships included in the graduate portion of the program. Permission may be denied on the basis of demonstrated weakness or inability to meet the program's academic or professional standards.
5. All fieldwork assignments must be completed with a satisfactory (S) grade. Students receiving an unsatisfactory (U) grade for a fieldwork assignment must receive formal approval of program faculty to repeat the fieldwork experience. A student will not be permitted to repeat an unsatisfactorily completed fieldwork more than once.

COURSE REQUIREMENTS**ACCOUNTING/INTERNATIONAL BUSINESS****DEGREE:****5-year B.S. IN ACCOUNTING/M.S. IN INTERNATIONAL BUSINESS****COURSE REQUIREMENTS FOR THE MAJOR: 100- to 400-level requirement as specified by the program:**

ACC 211	Principles of Accounting I.....	3
ACC 212	Principles of Accounting II.....	3
ACC 311	Intermediate Accounting I.....	3
ACC 312	Intermediate Accounting II.....	3
ACC 321	Tax Accounting.....	3
ACC 322	Cost Accounting.....	3
ACC 401	Auditing.....	3
ACC 404	Advanced Accounting.....	3
ACC 444	Internship.....	3
ACC Electives (Two Electives from ACC 420, 407, 403 or 412)		6

ECO 207	Business Statistics.....	3
ECO 328	Money and Banking.....	3
LAW 303	Business Law I.....	3
LAW 304	Business Law II.....	3
MGT 304	Communication in Organizations.....	3
MGT 407	Management Decision Making.....	3
MGT 411	International Business.....	3
ACC 417	PCs for Accountants.....	3
MGT 421	Corporate Finance.....	3

500- to 600-level requirement as specified by the program:

IB 501	Theoretical Concepts in Global Economics.....	3
IB 503	International Economics, Finance and Accounting.....	3
IB 505	International Negotiations and Communications.....	3
IB 602	Multinational Corporate Finance.....	3
IB 604	International Marketing and Research.....	3
IB 608	Multinational Strategic Management.....	3
IB 610	Multinational Financial Reporting.....	3
IB 612	IB Elective: Special Topics.....	3
IB 620	International Business Fieldwork.....	3
GRA 600	Theory Development.....	3
GRA 621	International Business Project Seminar – I.....	3
GRA 622	International Business Project Seminar – II.....	3

College Core Requirements.....	58
100-400 Level Requirements Specified by the Program.....	60
500-600 Level Requirements Specified by the Program.....	36
Total.....	154

BIOLOGY

B.S. PROGRAM: This program has been designed to satisfy the admission requirements of medical, dental, veterinary, physical therapy, pharmacy and chiropractic schools and provides a sound preparation for many graduate programs in the sciences. Students interested in a degree in physical therapy will matriculate in a two-degree, entry-level P.T. program (B.S. in biology + D.P.T. program). Entering freshmen matriculate in and complete a B.S. in biology degree under the program administration of the math and natural sciences department. Upon completion of the B.S. in biology, qualified graduate students then move directly into the three-year doctor of physical therapy program (D.P.T.).

A total of 38 hours in biology, including BIO 101-102, 302, 303 and 312 are required. BIO 302 should be taken in the second year, 303 in the junior year and 312 in the senior year. The additional 18 credit hours must be selected from BIO 107, 108, 208/608, 218, 229, 240 or 339/639, 242, 304, 310/610, 317, 320, 342, 389-390, 403, 407-410, 479-480 and 659/660. CHE 101-102, 219-220, MAT 125-126 and PHY 101-102 are also required. It is expected that courses that have accompanying laboratory sections will be completed as well.

In addition to the above science courses, many medical schools stress the need for broadly and humanely educated applicants. After consulting their advisor, students should select courses in philosophy, ethics, history and literature that will contribute to their liberal arts education. A pre-medical advisory committee, which is chaired by Dr. Richard E. Dowds, professor of biology, gives students current information about medical schools. A faculty advisor will advise students interested in graduate school possibilities. The department also offers assistance for the student to prepare for graduate school entrance exams (e.g., GRE, MCAT, DAT and VAT).

B.A. PROGRAM: This program has fewer required courses in mathematics, chemistry and physics and a smaller requirement of biology electives than the B.S. program. It is intended for those who do not wish to pursue an advanced degree in biology or medicine or those who wish to teach high school biology, to combine biology with another concentration, e.g., nursing, preparation for physician assisting or with a structured minor. A total of 34 credit hours in biology including BIO 101-102 or its equivalent, 302, 303 and 312, are required. The additional 14 credit hours must be selected from BIO 107, 108, 208/608, 218, 229, 240 or 339/639, 242, 304, 310/610, 317, 320, 342, 389-390, 403, 407-410, 479-480 and 659/610. CHE 101-102, 219 and one semester of mathematics chosen from MAT 117, 120, 123 or 125 are also required.

ADMISSION REQUIREMENTS

The B.S. in biology is designed for students preparing for graduate school as well as for professional programs in medicine, veterinary medicine, dentistry, physician assistant, physical therapy, podiatry, optometry, chiropractic and pharmacology. It includes the following admission categories: BIOBS, BIOPT, PREMED, PREDENT, PREVET, CHP, PREPHARMACY and PRECHIROPRACTIC. The B.A./health professions preparation program is designed for students preparing for graduate programs in secondary education, physician assistant and other allied health fields. Admission to the D'Youville graduate physician assistant program will require application directly to the program during the beginning of their final year of undergraduate study. Admission into the B.A. in biology and the B.A. in biology for secondary education requires a minimum SAT score of 900 (**Math and Verbal**), a high school average of 80 percent and a transfer G.P.A. of 2.0. Admission into the B.S. requires a minimum SAT score of 1000 (**Math and Verbal**) (or ACT of 21), a high school average of 85 percent or a 2.85 on a four point scale and a rank in the top 50 percent of one's class. Transfer students are required to have a minimum G.P.A. of 2.5.

Students nearly meeting these requirements will be considered for these programs by the department. Students denied immediate acceptance into the biology B.S. will be accepted into the biology B.A. program if they meet its requirements. These students may be promoted into the biology B.S. program after they have sufficiently demonstrated competence (usually after the completion of two semesters).

PROGRAM REQUIREMENTS

Students within the department must maintain a minimum 2.0 G.P.A. in courses taken at D'Youville in coursework required for their major. Students who fail to earn this G.P.A. will be placed on probation in the major. Probation may continue for a maximum of three consecutive semesters or a total of four nonconsecutive semesters. Students who exceed these limits will be dismissed from the major. If a student is dismissed from the B.S. program on account of poor performance in courses not required for the B.A. program, a student may have his/her record re-evaluated as a major in the B.A. program, and may be declared in good standing if his/her performance in the B.A. requirements justifies this.

Students may appeal these decisions on academic status by submitting, in writing, to the department chairperson, reasons why exceptional consideration may be justified.

PHYSICAL THERAPY Students choosing the dual degree entry will complete their B.S. in biology and move directly into the graduate P.T. program provided they complete all P.T. program prerequisites at a grade of C or better with a minimum cumulative G.P.A. of 3.0 and continue to meet all graduate admissions standards. Refer to the physical therapy department section, page 86, for further details about graduate P.T. programs.

DIETETICS/PREMED: The dietetics program offers motivated students the options to register for courses to fulfill the prerequisites for application to most medical schools. The science emphasis includes both semesters of organic chemistry, two semesters of physics and Calculus I. Students will be able to complete these courses within their first two years in the dietetics program, which will give them the requirements needed to apply to the early assurance program at the University at Buffalo Medical School in the spring semester of their sophomore year.

COURSE REQUIREMENTS

BIOLOGY

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>	<i>Credits</i>
BIO 101 Introductory Biology.....	4
BIO 102 Introductory Biology.....	4
BIO 302 Genetics.....	4
BIO/CHE 303/303L Biochemistry.....	4
BIO 312 Molecular Cell Biology.....	4
 <i>Biology electives chosen from:</i>	 14
BIO 107/107L Human Anatomy and Physiology/Lab.....	4
BIO 108/108L Human Anatomy and Physiology/Lab.....	4
BIO 208 Microbiology.....	4
BIO 218 Invertebrate Zoology.....	4
BIO 229 Ecology.....	4
BIO 240 Human Gross Anatomy for PAs.....	4
BIO 242 Evolution.....	3
BIO 304 Microscopic Anatomy.....	4
BIO 310 Immunology.....	3
BIO 317 Comparative Anatomy.....	4
BIO 320 Developmental Biology.....	4
BIO 339 Human Gross Anatomy.....	6
BIO 342 Endocrinology.....	3
BIO 389-90 Special Topics in Biology.....	3-4
BIO 403 Comparative Animal Physiology.....	3
BIO 407-410 Research.....	1-3
BIO 479-480 Independent Study.....	1-3
 <i>In other academic areas required for the major:</i>	
CHE 101/101L General Chemistry/Lab.....	4
CHE 102/102L General Chemistry/Lab.....	4
CHE 219/219L Organic Chemistry/Lab.....	4
 <i>One of:</i>	 3-4
MAT 117 Topics in Mathematics	
MAT 120 Elementary Practical Statistics	
MAT 122 Algebra and Trigonometry	
MAT 123 Introduction to Applied Statistics	
MAT 125 Calculus I	
 <i>Major requirements</i>	 49-50
<i>Other core requirements</i>	39
<i>Free electives (including core electives)</i>	31-32
Total	120

BIOLOGY

DEGREE: B.S. for Health Professions Preparation (D.P.T.)

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>	<i>Credits</i>
BIO 101 Introductory Biology I.....	4
BIO 102 Introductory Biology II.....	4
BIO 302 Genetics.....	4
*BIO/CHE 303/303L Biochemistry.....	4
BIO 312 Molecular Cell Biology.....	4
 <i>Biology electives including:</i>	
*BIO 107/107L Human Anatomy and Physiology/Lab I	4
*BIO 108/108L Human Anatomy and Physiology/Lab II	4
Biology electives for majors.....	10
 <i>In other academic areas required for the major:</i>	
*CHE 101/101L General Chemistry I.....	4
*CHE 102/102L General Chemistry II.....	4
CHE 219/219L Organic Chemistry I.....	4
CHE 220/220L Organic Chemistry II.....	4
*MAT 125 Calculus I.....	4
MAT 126 Calculus II.....	4
*PHY 101/101L General Physics I.....	4
*PHY 102/102L General Physics II.....	4
 <i>Health Professions preparation option (D.P.T. preparation):</i>	
*SOC 101 Principles of Sociology.....(core required)	3
*PSY 101 General Psychology.....(core required)	3
*PSY 203 Developmental Psychology.....	3
*MAT 123 Intro to Applied Statistics.....	4
*RSC 203 Medical Terminology.....	1
 <i>Major Biology B.S. and D.P.T. preparation</i>	 70
<i>Core requirements</i>	
<i>(in addition to courses subsumed above)</i>	36
<i>Health Professions option (D.P.T.)</i>	14
Total	120

* A minimum grade of C is required to enter the DPT graduate program.

FOR STUDENTS WISHING TO ENTER THE MASTERS' PROGRAM IN EDUCATION/ CERTIFICATION IN EDUCATION:

The education program will allow up to four graduate courses to be taken while the student is an undergraduate. If a student wishes to take the entire four courses, two must fall in the senior's final semester as an undergraduate. Further, it is expected that all juniors and seniors wishing to take graduate courses show substantial evidence of academic progress toward their undergraduate degree. Students may not take graduate courses in lieu of courses required by the program.

BIOLOGY

DEGREE: B.A. for Health Professions Preparation

 (Preparation for Physician Assistant B.S./M.S. Please note: matriculation into the P.A. program requires application, interview and acceptance.)
COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits</i>
BIO 101	Introductory Biology I.....	4
BIO 102	Introductory Biology II.....	4
BIO 302	Genetics.....	4
*BIO/CHE 303/303L	Biochemistry.....	4
BIO 312	Molecular Cell Biology.....	4

Biology electives including:

BIO 107/107L	Human Anatomy and Physiology/Lab I.....	4
BIO 108/108L	Human Anatomy and Physiology/Lab II.....	4
BIO 208/208L	Microbiology/Lab.....	4
*BIO 240/ BIO 339	Survey of Human Gross Anatomy.....	4/6

In other academic areas required for the major:

CHE 101/101L	General Chemistry I.....	4
CHE 102/102L	General Chemistry II.....	4
CHE 219/219L	Organic Chemistry I.....	4
+MAT 120	Elemental Practical Statistics.....	3

Health Professions preparation option (B.S./M.S. in physician assistant preparation):

RSC 203	Medical Terminology.....	1
+PHI/RS 214	Challenges of Death.....	3
+PHI/RS 312	Bioethics Seminar.....	3
*BIO 307	Pathophysiology.....	3
+PSY 203	Developmental Psychology.....	3

Major masters in P.A. preparation 50-52

Other core requirements 30

Pre-P.A. option 13

Free electives..... 24-26

Total..... 120

+ Fulfills core curriculum requirements.

* These courses must be taken at D'Youville.

BIOLOGY

DEGREE: B.S. for Pre-Med, Pre-Veterinarian, Pre-Dental, Pre-Pharmacy and Pre-Chiropractic (see page 53)

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits</i>
BIO 101	Introductory Biology.....	4
BIO 102	Introductory Biology.....	4
BIO 302	Genetics.....	4
BIO/CHE 303/303L	Biochemistry.....	4
BIO 312	Molecular Cell Biology.....	4

Biology electives chosen from:..... 18

BIO 107/107L	Human Anatomy and Physiology/Lab.....	4
BIO 108/108L	Human Anatomy and Physiology/Lab.....	4
BIO 208	Microbiology.....	4
BIO 216	Marine Biology.....	3
BIO 218	Invertebrate Zoology.....	4
BIO 229	Ecology.....	4
BIO 240	Survey of Human Gross Anatomy.....	4
BIO 242	Evolution.....	3
BIO 304	Microscopic Anatomy.....	4
BIO 310	Immunology.....	3
BIO 317	Comparative Anatomy.....	4
BIO 320	Developmental Biology.....	4
BIO 339	Human Gross Anatomy.....	6
BIO 342	Endocrinology.....	3
BIO 389-90	Special Topics.....	3-4
BIO 403	Comparative Animal Physiology.....	3
BIO 407-410	Research.....	1-3
BIO 479-480	Independent Study.....	1-3

In other academic areas required for the major:

CHE 101/101L	General Chemistry/Lab.....	4
CHE 102/102L	General Chemistry/Lab.....	4
CHE 219/219L	Organic Chemistry I/Lab.....	4
CHE 220/220L	Organic Chemistry II/Lab.....	4
MAT 125	Calculus I.....	4
MAT 126	Calculus II.....	4
PHY 101/111L	General Physics.....	4
PHY 102/112L	General Physics.....	4

Major requirements 70

Other core requirements 39

Free electives (including core electives)..... 11

Total..... 120

CAREER DISCOVERY PROGRAM

Qualified students who have chosen to delay selection into a specific major and those who have not yet met the entrance requirements for their choice of major will be admitted into the Career Discovery Program (CDP). CDP provides students with an opportunity to explore personal strengths, goals and interests, enhance academic skills, and investigate majors prior to selecting a program of study.

While in the Career Discovery Program, students will be enrolled in career exploration courses intended to aid students in making the program choice that is right for them. CDP 101 is required of all Career Discovery Program students and CDP 102 is geared toward those students who do not transfer into a degree program after the completion of their first semester. Career internships and work experience are available for students as part of the second semester CDP 102 course work. Students meeting academic requirements may apply to their intended major at any point throughout their time with CDP; however, there is an expectation that all students will be enrolled in a degree-granting program prior to earning junior standing (56 credits).

Upperclassmen dismissed from their academic program may have the opportunity to be placed in the Career Discovery Program for one semester prior to re-applying to another degree granting program. These students will be enrolled in CDP 201, a course designed to help them re-evaluate their career goals, strengthen study skills, and develop life plans.

For more information contact the Career Discovery Program advisor at 716/829-8377.

CHEMISTRY

DEGREE: B.S.

The chemistry major at D'Youville prepares students in the traditional foundational areas of chemistry: inorganic, organic, physical, analytical and biochemistry. A degree in chemistry offers a wide variety of career opportunities. You may use your degree to teach high school, enter directly into industry or go to graduate school and become a university professor or a senior researcher in an industrial R&D laboratory.

A chemistry degree can also prepare you for post-graduate work in medicine, dentistry, business or law. Fields such as patent law, international law, environmental law, pharmaceutical sales and management are all accessible to students who begin their education with a chemistry degree.

B.S. PROGRAM:

Students are required to take the following courses with their corresponding laboratories: CHE 101, CHE 102, CHE 219, CHE 220, CHE 303, CHE 311, CHE 312, CHE 313L, CHE 331, CHE 332 and CHE 401. In addition, the student must choose to take either CHE 412 or CHE 421. Other required courses include the following: PHY 101, PHY 101L, PHY 102, PHY 102L, MAT 125, MAT 126, MAT 202 and either CSC 110, CSC 151 or CSC 161.

A chemistry degree combined with a biology minor is an excellent gateway into the medical profession. Many medical school applicants possess chemistry degrees coupled with key biology courses to enhance their submission. These courses are also available to you at D'Youville (e.g., human gross anatomy). Since the chemistry major is housed within the department of math and natural sciences, chemistry students are provided all of the graduate school and medical school entrance examination support as well as the utilization of the pre-medical advisory committee in the department.

ADMISSION REQUIREMENTS

Admission into the B.S. in chemistry program requires a minimum SAT score of 1000 (or ACT of 21), a high school average of 85 percent and a rank in the top 50 percent of one's class. Transfer students are required to have a minimum G.P.A. of 2.5.

PROGRAM REQUIREMENTS

Students within the department must maintain a minimum of 2.0 G.P.A. in courses taken at D'Youville in coursework required for their major. Students who fail to earn this G.P.A. will be placed on probation in the major. Probation may continue for a maximum of three consecutive semesters or a total of four nonconsecutive semesters. Students who exceed these limits will be dismissed from the major. Students may appeal these decisions on academic status by submitting, in writing to the department chairperson, reasons why exceptional consideration may be justified.

COURSE REQUIREMENTS

CHEMISTRY

DEGREE: B.S.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>	<i>Credits</i>
CHE 101 General Chemistry I.....	3
CHE 101L General Chemistry I Lab.....	1
CHE 102 General Chemistry II.....	3
CHE 10L General Chemistry II Lab.....	1
CHE 219 Organic Chemistry I.....	3
CHE 219L Organic Chemistry I Lab.....	1
CHE 220 Organic Chemistry II.....	3
CHE 220L Organic Chemistry II Lab.....	1
CHE 303 Biochemistry.....	3
CHE 303L Biochemistry Lab.....	1
CHE 311 Physical Chemistry I.....	3
CHE 312 Physical Chemistry II.....	3
CHE 313L Physical Chemistry Lab.....	2
CHE 331 Analytical Chemistry.....	4
CHE 332 Instrumental Analysis.....	4
CHE 401 Inorganic Chemistry.....	3

Select one of the following two courses:.....3

CHE 421 Organometallic Chemistry

CHE 412 Spectroscopy

In other academic areas required for the major:

PHY 101 General Physics I.....	3
PHY 101L General Physics I Lab.....	1
PHY 102 General Physics II.....	3
PHY 102L General Physics II Lab.....	1
MAT 125 Calculus I.....	4
MAT 126 Calculus II.....	4
MAT 202 Calculus III.....	4

Select one from the following courses:.....3

CSC 110 Computers and Computing

CSC 161 Introduction to Multimedia

CSC 151 Introduction to computer programming

Core humanities and social science.....36

Chemistry courses.....42

Additional mathematics and natural science courses.....23

Total free electives (include nine from core).....21

Total.....122

CHIROPRACTIC

The doctor of chiropractic program is comprised of two degrees: a B.S. in biology and a D.C. (doctor of chiropractic) degree. The program provides a strong knowledge base of chiropractic theory, research and clinical practice supported by the liberal arts. A total of 28 credits in the biological sciences are applied to both degrees, allowing students to complete the two degrees in seven, rather than eight years.

The program is integrated with the college's other health care programs and is built on a rigorous foundation of the sciences, balanced with holistic principles and practices. In the first three years, in addition to the science courses, the curriculum meets the health care professions' need for broadly educated practitioners by grounding them in the social sciences and humanities through core courses in literature, fine arts, ethics, philosophy, religious studies and foreign language.

ADMISSION REQUIREMENTS

In order to be considered for admission into the pre-professional B.S. in biology program, students must meet or exceed the following criteria:

1. High school average of 85 percent or 2.75 on a scale of 4.0 points
2. Combined SAT scores of 1000 (*Math and Verbal*)
3. Composite ACT scores of 21
4. Rank in upper half of graduating class

ACADEMIC REGULATIONS

The following chiropractic academic policies are in addition to college policies:

1. Students must maintain an average of C+ or better for all 500+-level courses.
2. Students who meet the admission requirements for the D.C. professional degree program need not reapply and automatically will be admitted into that program.
3. Students in years one through four who are working to achieve an undergraduate degree are classified as undergraduate students and therefore can apply for undergraduate financial aid.

COURSE REQUIREMENTS

CHIROPRACTIC DEGREE

DEGREE: B.S. in BIOLOGY

CHIROPRACTIC DEGREE PRE-REQUISITES FOR STUDENTS RECEIVING A B.S. in BIOLOGY

COURSES REQUIRED IN BIOLOGY:

BIO 101/L	Introduction to Biology I	4
BIO 102/L	Introduction to Biology II	4
BIO 302/L	Genetics	3
BIO 312/L	Molecular Cell Biology	4
BIO 507L	Anatomy and Physiology Lab I	1
BIO 508L	Anatomy and Physiology Lab II	1
BIO 603/L	Biochemistry	4
BIO 607/L	Pathophysiology	3
BIO 608/L	Microbiology	4
BIO 610	Immunology	3
BIO 639/L	Human Gross Anatomy	6
BIO 659	Intermediate Physiology I	3
BIO 660	Intermediate Physiology II	3

All 500- or 600-level courses (28 credits) are taken in the fourth year of the program and are applied towards completion of both the bachelor of science in biology degree and the professional doctor of chiropractic degree.

OTHER MATH AND SCIENCE REQUIREMENTS:

CHE 101/L	General Chemistry I	4
CHE 102/L	General Chemistry II	4
CHE 219/L	Organic Chemistry I	4
CHE 220/L	Organic Chemistry II	4
MAT 125	Calculus I	4
MAT 126	Calculus II	4
PHY 101/L	General Physics I	4
PHY 102/L	General Physics II	4

<i>Biology requirements</i>	<i>43</i>
<i>Other math and science requirements</i>	<i>32</i>
<i>Core and elective requirements</i>	<i>48</i>
<i>Total</i>	<i>123</i>

DIETETICS

DEGREE: B.S./M.S.

The dietetics program is a five-year, entry-level master's degree program with admission at the freshman year. Transfer students will be accepted on a space-available basis. The program allows students to transfer into the first four years.

Students who complete all requirements specified by the five-year course of studies will be awarded both a B.S. and an M.S. degree in dietetics at the time of graduation.

The program has been approved and registered by the New York State Education Department. Its ongoing development is guided by the standards of the Commission on Accreditation for Dietetics Education (CADE).

The D'Youville College dietetics program is currently granted accreditation by the Commission on Accreditation for Dietetics Education of the American Dietetic Association. Students admitted into the coordinated program (senior and graduate years) are considered graduates of an accredited program after their successful completion of the program and are eligible to take the registration examination for dietitians after graduation. Each graduate will also be provided a verification statement, which documents completion of all academic, supervised practice, and degree requirements for the coordinated program and D'Youville College.

D'Youville College guarantees placement in the coordinated program if the student maintains the college's academic standards. The coordinated program combines the classroom instruction and professional practice experiences required to become a registered dietitian.

The program consists of a liberal arts core, professional course work, a broad range of professional practical experiences and the opportunity to plan, conduct and evaluate research. It combines classroom learning, research and clinical practice through the use of a range of health care facilities in the Buffalo area. Students are offered didactic and practical experiences in clinical dietetics, food systems, management, community nutrition and research.

MISSION STATEMENT

Recognizing the importance of good nutrition in maintaining health and preventing disease, the dietetics program strives to serve the community by producing dietitians with the knowledge, skills and experience to meet the challenges of the diverse and changing field of dietetics. D'Youville's intent is to prepare students to fulfill prominent and varied professional roles and become leaders in their fields.

The program supports the principles of academic excellence, service to others and lifelong learning by fostering the student's professional and personal growth within a broad range of educational and practical experiences.

PROGRAM GOALS AND OUTCOME MEASURES

GOAL 1:

To attract, retain, and graduate well-qualified students

OUTCOME MEASURES:

- Student and graduate satisfaction with curriculum
- Employer satisfaction with graduates
- Student completion of program
- Pass rate on RD exam
- Employment of graduates

GOAL 2:

To promote student and faculty community service

OUTCOME MEASURE:

- Student, graduate, and faculty participation in community service activities

GOAL 3:

To foster and support faculty and student research

OUTCOME MEASURES:

- Submission of grants for research
- Dissemination of research findings (publication or presentation), including thesis research

ADMISSIONS REQUIREMENTS

Admission requirements reflect the structure of the program as a five-year bachelor of science and master of science degree. In order to be considered for admission into the pre-professional phase, students must meet the following criteria:

1. Combined SAT scores of at least 900 or composite ACT score of 20;
2. High school average of at least 85 percent or 2.85 on a 4.0 scale;
3. Standing in the upper half of the graduating class.

Transfer students are encouraged to apply and are accepted on a competitive, space-available basis. Most graduates in diet technology or food service can transfer the equivalent of two years credit. Requests for transfer at the B.S. or B.A. level are welcome. A minimum 2.5 G.P.A. is required to be accepted into years one, two or three. Transfer students entering year four (supervised practice portion) must have a minimum 2.75 G.P.A.

All students must demonstrate successful completion of the following high school courses: two years of math, one year of biology and one year of chemistry. The students will be selected from the pool of applicants on the basis of the above criteria. Decisions will usually be made by March for the fall semester.

Late applications will be processed on a space-available basis.

ACADEMIC REGULATIONS

Dietetics academic policies are in addition to college policies and are as follows:

1. To be in good standing in the dietetics program in the first two years, students must maintain a cumulative G.P.A. of 2.5. Those who do not have the minimum average will not be allowed to progress to third-year courses.
2. In the third and fourth years (junior and senior status), students must maintain a cumulative grade point average of 2.75. In addition, students must have a 3.0 average in dietetics courses.
3. Students must maintain a 3.0 average in 500- and 600-level courses. No more than two 500- and 600-level courses with grades less than a B are applicable to the degree. A grade of C- or lower is not applicable to any graduate degree.

4. A minimum of a C grade is required in all dietetics courses with the exception of clinical courses (DTC 420SP, DTC 511SP, DTC 512SP, DTC 631 and DTC 632). A minimum B grade is required in clinical courses. Students will be allowed to repeat a given course once, upon recommendation of the dietetics faculty. Students will be allowed to repeat only one clinical course.
5. A minimum of a C grade is also required in all prerequisite courses.
6. A student placed on probation must receive a minimum of a B in courses at the 500 or 600 level. In addition, the student must meet all academic standards within two semesters. Students not fulfilling these requirements may be dismissed from the program.
7. A student who has not registered for consecutive semesters in the dietetics program (i.e., withdrawal, dismissal, leave of absence, failure to re-register) and desires to return, in addition to meeting college requirements, must schedule a personal interview with the dietetics department chair. This interview must be conducted before a decision can be made regarding continuing with the program.
8. Failure to meet these academic standards will result in probationary status or dismissal.

COSTS OF THE PROGRAM

Students should be aware of the costs necessary for their supervised practice education in addition to tuition or class fees*. Program costs are estimates and are subject to change without prior written notice.

Yearly Costs (2007-2008)

Tuition.....	\$8,800/semester or \$485-530/credit hour for part-time
College Fees.....	\$60/year (full time) or \$30/yr. (part time)
Books.....	\$900/year
Room and Board.....	\$4,375/semester
Transportation to SP site**.....	\$40/semester (junior year~summer) \$150/semester (senior year) and \$300/semester (fifth year)
Lab coat/ID.....	\$40
Lab fees.....	\$25/lab/per semester
Student Association Fee.....	\$40/year (full time) or \$2/per credit hour (part time)
Liability Insurance.....	\$25/semester
ADA Student Membership.....	\$49/year (encouraged-optional)
Registration Exam.....	\$175 (through 12/31/07) & \$200 (starting 1/1/08)

*See the Expenses and Financial Aid Section of the current College Catalog.

**Estimated \$.40 per mile, with an average trip of 12 miles plus parking

NOTE: These courses meet the knowledge and competencies established by the accreditation standards for entry-level education programs set by the Commission on Accreditation for Dietetics Education and are subject to change.

The D'Youville College dietetics program is currently granted accreditation by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association. CADE is a specialized accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the United States Department of Education. The address and phone number of CADE are: 210 South Riverside Plaza, Suite 2000, Chicago, IL, 60606, 312.899.4876.

COURSE REQUIREMENTS

DIETETICS

DEGREE: B.S./M.S.

COURSE REQUIREMENTS FOR THE MAJOR

In the specific area of concentration:

	<i>Credits</i>
DTC 205 Food Science.....	3
DTC 210 Cultural Foods.....	2
DTC 306 Principles of Nutrition.....	3
DTC 309 Food Service Management I.....	2
DTC 309L Quantity Food Preparation.....	2
DTC 319 Nutritional Biochemistry.....	3
DTC 327 Nutrition Throughout the Lifecycle.....	3
DTC 328 Nutrition for Fitness and Athletic Performance.....	2
DTC 410 Food Service Management II.....	2
DTC 410SP Food Service Management Supervised Practice.....	1
DTC 420 Introduction to Nutrition Assessment.....	3
DTC 420SP Introduction to Nutrition Assessment Supervised Practice.....	1
DTC 511 Applied Nutrition Therapy I.....	2
DTC 511SP Applied Nutrition Therapy I Supervised Practice.....	2
DTC 512 Applied Nutrition Therapy II.....	2
DTC 512SP Applied Nutrition Therapy II Supervised Practice.....	2
DTC 521 Community Nutrition.....	2
DTC 521SP Community Nutrition Supervised Practice.....	1
DTC 526 Nutrition Education Methods.....	2.5
DTC 526SP Nutrition Education Supervised Practice.....	0.5
DTC 620 Nutrition Seminar.....	3
DTC 631 Advanced Nutrition Practice I.....	8
DTC 632 Advanced Nutrition Practice II.....	8

In other academic areas required for this major:

BUS/MGT/ACC elective at the 200 or higher level.....	3
BIO 107/107L Human Anatomy & Physiology.....	4
BIO 108/108L Human Anatomy & Physiology.....	4
BIO 208 Microbiology.....	4
BIO 303/303L Biochemistry/Lab.....	4
CHE 101/101L General Chemistry/Lab.....	4
CHE 102/102L General Chemistry/Lab.....	4
CHE 219/219L Organic Chemistry/Lab.....	4
MAT 123 Applied Statistics.....	4
MGT 305 Principles of Management.....	3
GRA 600 Theory Development.....	3
GRA 601 Research Methodology.....	3
GRA 610 Thesis Seminar.....	3
HSA 613 Management in Health Care Organizations.....	3
GRA 629 Thesis Advisement.....	3

<i>Undergraduate major requirements.....</i>	<i>65</i>
<i>Core requirements.....</i>	<i>48</i>
<i>Graduate major requirements.....</i>	<i>51</i>
<i>Total.....</i>	<i>164</i>

EDUCATION

DEGREE: B.A.

NYS TEACHING CERTIFICATION CAREER CHOICES AT D'YOUVILLE COLLEGE

Students who are interested in becoming teachers have three fully-accredited academic programs leading to New York state certification; two B.A. education degrees, and a B.A. in a teachable subject and a master's in education. These choices complement one another and each student should consider them carefully.

B.A. EDUCATION DEGREES:

- B. A. Childhood (Elementary) Education (1-6)
- B. A. Adolescence (Secondary) Education (7-12)

Students may choose to enroll as education majors and work for their initial New York State certification which is a four-year program. Students choosing this path may enter the workforce within four years and work toward professional certification while they are teaching.

Students who want to enter the education workforce as soon as possible with New York state initial certification will find that these new programs provide a sound understanding of pedagogical fundamentals coupled with exposure to the liberal arts and coursework in a concentration area of the student's choice. Students will find that D'Youville's small classes, flexibility, engaging faculty with numerous years of teaching in grades K-12, and community focus will provide students with the necessary analytical and communication skills to excel as educators. Students and professors work together using the INTASC Standards, today's technology, and constructivist ideas to prepare teacher candidates for the classrooms of tomorrow.

NYSED INITIAL TEACHING CERTIFICATION

The B.A. education programs are designed to be completed in four years and result in initial NYSED teaching certification.

ADMISSION REQUIREMENTS FOR B.A. IN EDUCATION

FRESHMAN ADMISSION

Applicants must meet the following three criteria:

1. A combined SAT score of at least 900.
2. A high school average of at least 80 percent.
3. A high school class ranking in the upper half of the class.

TRANSFER ADMISSION:

1. Students must have a minimum GPA of 2.5. Transfer credits will be determined on a case-by-case to assess adaptability to curriculum requirements.
2. Each student accepted into the program must submit a letter of intent prior to course registration.

B.A. CHILDHOOD (ELEMENTARY) EDUCATION (1-6)

Students are required to complete the equivalent of 10 courses (approximately 30 credit hours) of coursework in education and all other D'Youville core requirements.

Childhood (Elementary) Education majors must also complete a concentration in one of the following areas:

Biology	page 50
English	page 60
History	page 68
Philosophy	page 100
Sociology	page 112

Students must also complete a minimum of 100 clock hours in field placements prior to student teaching.

Students must provide evidence of SAVE (nonviolence) and child abuse training as part of the student teaching application process.

After all of these requirements have been satisfied, student teaching may be completed. Student teaching requires two seven-week placements within one semester.

Upon completion of these requirements, students may apply to NYSED for initial teaching certification.

COURSE REQUIREMENTS

CHILDHOOD (ELEMENTARY) EDUCATION (1-6)

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR

<i>In the specific area of concentration:</i>		<i>Credits</i>
EDU 101	Seminar in Education.....	1*
EDU 102	Seminar in Education II	1*
EDU 310	Educational Psychology	3
EDU 311	Social Foundations of Education	3
EDU 312	Introduction to Individuals with Exceptionalities in School and Society	3
EDU 410	Introduction to INTASC Competencies.....	3
EDU 412	Elementary Methods I: Language Arts, Literacy, & Social Studies	3
EDU 413	Elementary Methods II: Mathematics, Science, and Technology.....	3
EDU 416	Children's Literature	3
EDU 418	Language and Literacy in Elementary School Settings.....	3
EDU 420	Action Research in School Settings.....	6
EDU 426	Student Teaching Practicum in Elementary School Settings.....	9
EDU 426XINT	Teaching as a Profession.....	3
	TOTAL.....	44

* Transfer students may be exempt from this course.

B.A. ADOLESCENCE (SECONDARY) EDUCATION (7-12)

Students are required to complete the equivalent of ten courses (approximately 30 credit hours) of coursework in education and all other D'Youville core requirements.

Adolescence (Secondary) Education majors must also complete a concentration in one of the following areas:

- Biologypage 50
- Englishpage 60
- Historypage 68

Students must also complete a minimum of 100-clock hours in field placements prior to student teaching.

Students must provide evidence of SAVE (nonviolence) and child abuse training as part of the student teaching application process.

After all of these requirements have been satisfied, student teaching may be completed. Student teaching requires two seven-week placements within one semester.

Upon completion of these requirements, students may apply to NYSED for initial teaching certification.

COURSE REQUIREMENTS

ADOLESCENCE (SECONDARY) EDUCATION (7-12)

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR

<i>In the specific area of concentration:</i>		<i>Credits</i>
EDU 101	Seminar in Education	1*
EDU 102	Seminar in Education II	1*
EDU 310	Educational Psychology	3
EDU 311	Social Foundations of Education	3
EDU 312	Introduction to Individuals with Exceptionalities in School and Society	3
EDU 410	Introduction to INTASC Competencies	3
EDU 414	Secondary General Methods.....	3
EDU 413	Secondary Content Methods.....	3
EDU 417	Young Adult Literature	3
EDU 419	Language and Literacy in Secondary School Settings.....	3
EDU 420	Action Research in School Settings.....	6
EDU 427	Student Teaching Practicum in Secondary School Settings	9
EDU 427XINT	Teaching as a Profession.....	3
	TOTAL	44

* Transfer students may be exempt from this course.

B.A. INTERDISCIPLINARY STUDIES + M. S. EDUCATION

Childhood Education (Elementary 1-6)
Special Education (Childhood)

Students may choose to enroll in interdisciplinary studies (page 73) which prepares students interested in childhood-level education. This program leads students towards certification and a master of science in education. Special education options are also available. This program leads to professional New York state certification within five years.

B.A. (IN TEACHABLE SUBJECT) + M. S. EDUCATION

Adolescence Education (Secondary 7-12)
Special Education (Adolescence)

Students may choose to enroll in a bachelor's program in a teachable subject which prepares students interested in adolescent-level education. This program leads students towards certification and a master of science in education. Special education options are also available. This program leads to professional New York state certification within five years.

Students enroll in a bachelor's program in a teachable subject they wish to teach, such as:

- Biologypage 50
- Chemistry.....page 53
- Englishpage 60
- Historypage 68
- Mathematicspage 80

After the bachelor's portion of the program, students can enter the master's program in education and achieve certification to teach within a year.

ENGLISH

DEGREE: B.A.

Students who concentrate in English are required to complete 12 courses (approximately 36 credit hours) in English studies beyond English 111-112. A concentration in English leads to a bachelor of arts degree.

Students may choose one of two concentrations within their English major: literature or writing. Those majoring in the literature concentration will take the following courses: ENG 201, 202, 211, 212, 231, 302, 406, one of ENG 215, 216 or 218; four upper-level literature courses; two semesters of foreign language or English electives (if the student has four semesters of high school foreign language); and a minimum three-credit-hour internship.

Those majoring in the writing concentration will take the following courses: ENG 201, 202, 211, 212, 231, 302 and 406; one of ENG 215, 216 or 218; one upper-level literature course; two of ENG 203, 213 217, 221, 232, 233, 234 or 235; one additional writing course; two semesters of a foreign language or English electives (if the student has four semesters of high school foreign language); and a minimum three-credit-hour internship.

Work in foreign languages is also strongly recommended and is dependent on the student's previous preparation and post-graduate plans. It is required for education certification.

A minor in written communication is available to students in other majors at D'Youville. This minor assists in establishing the communication skills which enhance a person's professional career. The requirements for the minor are three of the following: ENG 231, 232, 233, 234 or 235; one of the following: ENG 331, 332, 334, 432, BUS 205, FA 105, 205, SPE 201; or any English literature course.

A minor in English is also available to students in other majors at D'Youville. Fifteen credits in literature in the English curriculum, with at least nine credits at the 300-400 level, are required.

ADMISSION REQUIREMENTS

FRESHMAN ADMISSION

Applicants must meet the following three criteria:

1. Combined SAT scores of at least 900 (or ACT equivalent score of 18)
2. A high school average of at least 80 percent
3. A high school rank in the upper one half of the class

TRANSFER ADMISSION

Students must have a minimum G.P.A. of 2.33. Transfer credits will be determined on a case-by-case basis to assess adaptability to curriculum requirements.

Each student accepted into the program must submit a letter of intent prior to course registration.

COURSE REQUIREMENTS

ENGLISH

DEGREE: B.A.

Literature Concentration

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits</i>
ENG 201	English Literature: Beginnings to 1798.....	3
ENG 202	Nineteenth- and Twentieth-Century English Literature	3
ENG 211	American Literature I.....	3
ENG 212	American Literature II.....	3
ENG 231	Advanced Writing I.....	3
ENG 302	Shakespeare.....	3
ENG 406	Critical Theory.....	3
	One of ENG 215, 216 or 218.....	3
	Literature Courses (300-400 Level).....	12
	Two semesters of a foreign language or English electives (if student has four semesters of high school foreign language)	6
ENG 444	Internship.....	3-12
	<i>Major</i>	<i>45</i>
	<i>Core requirements and electives</i>	<i>75</i>
	<i>Total</i>	<i>120</i>

NOTE: ENG 111-112 are required of all students and do not count toward the major.

ENGLISH**DEGREE: B.A.****Writing Concentration****COURSE REQUIREMENTS FOR THE MAJOR:**

<i>In the specific area of concentration:</i>	<i>Credits</i>
ENG 201 English Literature: Beginnings to 1798.....	3
ENG 202 Nineteenth- and Twentieth-Century English Literature	3
ENG 211 American Literature I	3
ENG 212 American Literature II	3
ENG 231 Advanced Writing I	3
ENG 302 Shakespeare	3
ENG 406 Critical Theory.....	3
One of ENG 215, 216 or 218 AND One other Literature Course (300-400 Level)	6
Two of the following:	6
ENG 203 Short Story	
ENG 213 Drama	
ENG 217 Essentials of Poetry	
ENG 221 The Novel	
ENG 232 Creative Writing I	
ENG 233 Journalism	
ENG 234 Technical Writing I	
ENG 235 Public Relations Writing	
One of the following:	3
ENG 331 Advanced Writing II	
ENG 232 Creative Writing I	
ENG 332 Creative Writing II	
ENG 432 Creative Writing III	
ENG 234 Technical Writing I	
ENG 334 Technical Writing II	
ENG 233 Journalism	
Two semesters foreign language or English electives (if student has four semesters of high school foreign language)	6
ENG 444 Internship	3-12
Major	45
Core requirements and electives	75
Total	120

NOTE: ENG 111-112 are required of all students and do not count toward the major.

For students wishing to enter the masters program in education/ certification in education: The education program will allow up to four graduate courses to be taken while the student is an undergraduate. If a student wishes to take the entire four courses, two must fall in the senior's final semester as an undergraduate. Further, it is expected that all juniors and seniors wishing to take graduate courses show substantial evidence of academic progress toward their undergraduate degree. Students may not take graduate courses in lieu of required courses by the program. Students must maintain a 3.0 G.P.A. to take graduate courses.

EXERCISE & SPORTS STUDIES

DEGREE: B.S.

The exercise & sports studies (ESS) program leads to a bachelor's of science (B.S.) degree of 122-124 credits, and is designed to provide undergraduate students with the knowledge and conceptual tools to understand the various dimensions of the health professions, fitness industry and/or competitive athletics. Students are provided with a major foundation of 18 credits of content-specific coursework, and are given the option to select from one of three areas of specialization track. An ESS minor also exists to complement other academic areas of study.

The Exercise Studies track (track #1) provides students with a focus on the health and fitness aspects of the exercise sciences, and prepares students for careers in the fitness industry such as strength and conditioning, and personal training. This track is designed to prepare students for credentialing examinations through the National Strength & Conditioning Association (NSCA) and the American College of Sports Medicine (ACSM).

The Sports Studies track (track #2) focuses on the social, psychological, business, and management aspects of the sports and fitness industries preparing students for careers in sports and fitness management and administration, and coaching.

The Health Professions track (track #3) is designed for students pursuing an advanced degree in physical therapy. Students interested in physical therapy matriculate into the two-degree program (B.S. in exercise & sports studies + doctor of physical therapy [D.P.T.] program). Entering freshmen matriculate into and complete a B.S. in ESS under the administration of the exercise & sports studies department. Upon completion of the B.S., qualified students meeting all prerequisite and GPA requirements, directly enter the three-year doctor of physical therapy (D.P.T.) program. Dual-degree physical therapy majors will transition directly into the D.P.T. program providing they complete all D.P.T. program prerequisites with a grade of C or better, possess a GPA of 3.0 or better, and continue to meet all graduate admissions standards. *Please refer to page 101 for specific information pertaining to the graduate D.P.T. program.* Students choosing the health professions track intimately study the basic sciences (chemistry, physics, anatomy and physiology), in addition to the exercise sciences, in preparation for the D.P.T. graduate program. The track is also designed to prepare students for credentialing examinations through the National Strength & Conditioning Association (NSCA) and the American College of Sports Medicine (ACSM).

The ESS course of study is intimately related to the strong group of health-related programs currently offered at D'Youville College at both the undergraduate and graduate levels, such as physical therapy and dietetics. Students interested in careers in sports and fitness management can complement undergraduate degrees with various graduate business degrees available at D'Youville College, such as international business and MBA programs. In addition, the undergraduate ESS major can be combined with elements of the undergraduate business management program for students interested in pursuing sports and fitness management.

As such, this path of study is consistent with the educational mission and capabilities of the ESS program and provides students a new and attractive pathway for undergraduate studies in an area related to exercise and sport studies.

ADMISSIONS REQUIREMENTS

Applicant will meet these criteria for entrance into ESS program (track #1 and track #2):

1. Combined SAT score of 900 (or ACT of 19)
2. High school average of at least 80%
3. High school rank in the upper one half of the class
4. Transfers: must have a minimum of 2.0 GPA

Applicants must meet these criteria for entrance into the ESS + DPT program (track #3):

1. Combined SAT score of 1000 (or ACT of 21)
2. High school average of at least 85%
3. High school rank in the upper one half of the class
4. Minimum of two years of high school math/three years of high school science.
5. Transfers: must have a minimum of 2.5 GPA

PROGRAM CONTENTS AND REQUIREMENTS:

The program in exercise & sports studies leads to a B.S. requiring between 122-124 credits, dependent on area of specialization chosen (track). The program consists of three tracks, each of which contains 17 courses that meet the D'Youville College core requirements and five foundation courses. Each track then includes additional coursework from a variety of disciplines that round out the student's educational experience.

Students applying for admission into either track #1 or track #2 must attain a minimum SAT score of 900 (or ACT of 19), a minimum high school average of 80% (transfer students a minimum of 2.0) and have a school rank within the top 50% of graduating class. Admission into the ESS + DPT (track #3) program requires a minimum SAT score of 1000 (math and verbal) (or ACT of 21), a high school average of 85% (or 2.85 on a 4-point scale), and a rank in the top 50% of graduating class. Transfer students are required to have a minimum of 2.5 GPA. Students applying for admission into track #3, but do not meet all admissions requirements, will be given the option of being accepted into either track #1 or track #2. After two semesters of coursework which must include successful completion of two semesters of science required for the major; students can matriculate into the seven-year ESS + DPT program.

Once accepted, a minimum grade of C must be earned in each required course in the major or the course must be repeated. A course may be repeated only once. Failure to achieve a grade of at least a C on the second attempt may result in dismissal from the program. For health professions (track #3) students, a minimum GPA of 3.0 is required for admittance into the D.P.T. graduate program.

- Track 1 (Exercise Studies) – 124 credits
- Track 2 (Sports Studies) – 122 credits
- Track 3 (Health Professions) – 122 credits

COURSE REQUIREMENTS**EXERCISE AND SPORTS STUDIES**

DEGREE: B.S.

CORE COURSE REQUIREMENTS FOR THE MAJOR:

ENG 111	English Communication I.....	3
ENG 112	English Communication II.....	3
PHI 201	Ethics in Theory and Action.....	3
	OR	
RS 201	Religion and Social Responsibility	
	Five (5) Humanities Electives.....	15
HIS	History Core Elective.....	3
SOC 101	Principles of Sociology.....	3
PSY 101	General Psychology.....	3
PSC 201	American Government and Economics.....	3
	OR	
ECO 201	Principles of Economics – Macro	
	OR	
ECO 202	Principles of Economics – Micro	
MAT 1xx	Mathematics Core Course (Track #3: MAT 122 or 125).....	3
CSC 110	Computers and Computing.....	3
	OR	
CSC 151	Introduction to Computer Programming	
	OR	
CSC 161	Introduction to Multimedia	
BIO 107	Human Anatomy and Physiology I.....	3
BIO 107L	Human Anatomy and Physiology I Lab.....	1
BIO 108	Human Anatomy and Physiology II.....	3
BIO 108L	Human Anatomy and Physiology II Lab.....	1
	Three (3) Free Electives.....	9
	SUBTOTAL.....	59

In other academic areas required for the major:

ESS 101	Introduction to Exercise and Sports Studies	3
ESS 201	Principles of First Aid, Safety and Athletic Injury.....	3
ESS 270	Exercise and Sports Studies: Practicum.....	3
ESS 410	Special Topics.....	3
ESS 470	Exercise and Sports Studies: Internship.....	3
ESS 490	Exercise and Sports Studies Seminar.....	0
SOC 312	Sociology of Sports and Physical Activity.....	3
	SUBTOTAL.....	18

Additional course requirements for Track 1—Exercise Studies:

CHE 111	Chemistry for the Health Sciences I.....	3
CHE 112	Chemistry for the Health Sciences II.....	2
CHE 113L	Chemistry for the Health Sciences II Lab.....	1
BIO 339	Human Gross Anatomy.....	6
DTC 306	Principles of Nutrition.....	3
DTC 328	Nutrition for Fitness and Athletic Performance	2
ESS 301	Exercise Prescription and Fitness Evaluation.....	3
ESS 306	Exercise Physiology.....	3
	Eight (8) Electives.....	24
	SUBTOTAL.....	47

Core requirements..... 59**In other academic areas required for the major..... 18****In the specific area of concentration..... 47****Total..... 124****Additional course requirements for Track 2—Sports Studies:**

PSY 203	Developmental Psychology.....	3
PSY 204	Physiological Psychology.....	3
SOC 322	Health, Illness and Society.....	3
SOC 400	Social Epidemiology.....	3
	11 Electives.....	33
	SUBTOTAL.....	45

Core requirements..... 59**In other academic areas required for the major..... 18****In the specific area of concentration..... 45****TOTAL..... 122****Additional course requirements for Track 3—Health Professions:**

CHE 111	Chemistry for the Health Sciences I.....	3
CHE 112	Chemistry for the Health Sciences II.....	2
CHE 113L	Chemistry for the Health Sciences II Lab.....	1
DTC 306	Principles of Nutrition.....	3
DTC 328	Nutrition for Fitness and Athletic Performance	2
ESS 301	Exercise Prescription and Fitness Evaluation.....	3
ESS 306	Exercise Physiology.....	3
MAT 123	Introduction to Applied Statistics.....	4
PHY 111L	Introduction to Physics I.....	4
PHY 112L	Introduction to Physics II.....	4
PSY 203	Developmental Psychology.....	3
RSC 203	Medical Terminology.....	1
	4 Electives.....	12
	SUBTOTAL.....	45

Core requirements..... 59**In other academic areas required for the major..... 18****In the specific area of concentration..... 45****Total..... 122**

GLOBAL STUDIES

DEGREE: B.A.

The global studies major is an interdisciplinary program drawing on the diverse offerings of liberal arts at the college. The program prepares students to understand cultural differences from a broad interdisciplinary perspective and to examine more deeply a particular region of the world.

During their course of studies, students will be offered a study-abroad opportunity. The global studies faculty strongly recommends that students enter language-intensive programs abroad, during a summer semester or regular semester, thus possibly satisfying the language requirement of the program and the expectation of foreign study at the same time.

The program will provide students with a strong interdisciplinary background, global awareness and hands-on regional knowledge sufficient to provide a working knowledge of the issues that face a particular region of the world. With globalization resettling the boundaries of commerce, and culture and politics in the world, a global studies degree will be highly prized by international and nongovernmental organizations.

To fulfill the requirements for a bachelor of arts degree in global studies, students must complete the following courses: GLS 101, GLS 102, GLS 444, BIO 215, ENG 215, ENG 216, HIS 211, PHI 306, PSC 250, SOC 203 and GLS 344 or four semesters of a foreign language.

In addition, students choose from one of three regional concentration areas, and complete a minimum of 12 credit hours in that area, with no more than nine hours from any one academic discipline. The areas and possible courses to choose from are as follows: Europe: ENG 300, 301, 308, 309, 310, 318, 344, FA 327, HIS 111, 329, 343, PHI 280, 305, 404, RS 209 or SOC 211. The Americas: ENG 218, 323, 342, 343, 344, 409, HIS 231, 341, 313 or SOC 211. The Non-Western World: ENG 344, 340, 341, HIS 103, 309, 350, HIS/SOC 420, PHI 308 or SOC 211.

All courses are offered during a two-year sequence or more frequently. Unless otherwise indicated, odd-numbered courses are offered in the fall and even-numbered courses are offered in the spring. Students in the major must maintain a minimum 2.0 G.P.A. in courses taken at D'Youville in their major subject area.

For further information, contact the chair of the liberal arts department at 716.829.7608.

ADMISSION REQUIREMENTS

FRESHMAN ADMISSION

Applicants must meet the following three criteria:

1. Combined SAT scores of at least 900 (or ACT equivalent score of 18)
2. A high school average of at least 80 percent
3. A high school rank in the upper one half of the class

TRANSFER ADMISSION

Students must have a minimum G.P.A. of 2.33. Transfer credits will be determined on a case-by-case basis to assess adaptability to curriculum requirements.

Each student accepted into the program must submit a letter of intent prior to course registration.

COURSE REQUIREMENTS

GLOBAL STUDIES

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits:</i>
GLS 101	Global Culture I.....	3
GLS 102	Global Culture II.....	3
GLS 444	Internship (minimum).....	3
	SUBTOTAL.....	9

Regional concentration (students choose one):

Minimum 12 hours in one area, with no more than 9 hours in any one discipline.

Europe:

ENG 300	Women Writers
ENG 301	Romanticism
ENG 308	Medieval and Renaissance Literature
ENG 309	17th Century Literature
ENG 310	18th Century Literature
ENG 318	Modern Continental Literature
ENG 344	Comparative Literature
FA 327	History of Modern Art
HIS 111	Western Civilization
HIS 329	Modern Europe
HIS 343	Russia
PHI 280	Western Ancient Philosophy
PHI 305	Modern Philosophy
PHI 404	Contemporary Thought
RS 209	Modern Western Religions
SOC 211	The Changing Social World

The Americas:

ENG 218	Minority Voices
ENG 323	Latin American Literature in translation
ENG 344	Comparative Literature
ENG 342	Magical Realism
ENG 343	Caribbean Literature in Translation
ENG 409	Native American Literature
HIS 231	Puerto Rico
HIS 341	Canada
HIS 313	Latin American History
SOC 211	The Changing Social World

The Non-Western World:

ENG 344	Comparative Literature	
ENG 340	South Asian Literature in English	
ENG 341	Sub-Saharan African Lit in Translation.	
HIS 103	Comparing World Civilizations	
HIS 309	The Far East	
HIS 350	Islam and Africa	
HIS/SOC 420	The Vietnam War	
PHI 308	Eastern Religions	
SOC 211	The Changing Social World	
	SUBTOTAL	12

In other academic areas required for the major:

BIO 215	Environmental Science.....	3
BIO 215L	Environmental Science Lab	1
ENG 215	World Literature I.....	3
ENG 216	World Literature II.....	3
HIS 211	Contemporary Foreign Policy	3
PHI 306	Social and Political Philosophy	3
PSC 250	International Relations.....	3
SOC 203	Social Theory.....	3
FL IXX	Language (4 semesters)	
	OR	
GLS 344	Study Abroad.....	12
	SUBTOTAL.....	34

<i>Major.....</i>	55
<i>Core requirements and electives.....</i>	65
<i>Total</i>	120

HEALTH SERVICES MANAGEMENT

DEGREE: B.S.

The health services management program has two main purposes. It is designed to provide a strong liberal arts and science background for students at the undergraduate level who wish to enter the health services job market directly after graduation. It is also designed to prepare students to continue graduate studies in physical therapy, health services administration or other health-related fields.

The degree conferred is the bachelor of science in health services management. Students interested in a degree in physical therapy will matriculate in the sequential-degree, entry-level P.T. program (B.S. in health services management + D.P.T. program). Entering freshmen matriculate in and complete a B.S. in health services management degree under the program administration of the health services administration department. Upon completion of the B.S. in health services management, qualified graduate students then move directly into the three-year doctor of physical therapy (D.P.T.) program. The curriculum prepares the student by emphasizing a firm base of liberal arts and a common body of knowledge about health services.

The program's first two years are devoted primarily to the study of the arts, humanities and sciences, which satisfy general education core requirements of the college's baccalaureate degree and other prerequisite requirements specified by the program curriculum. The remaining time is designed to provide a broad comprehensive base in specific areas of health-related knowledge and concepts, which serve as a foundation. Internships with affiliated health agencies are included in the program.

Admission to D'Youville College is competitive. The selection process attempts to identify those qualified men and women who will benefit most from the wide variety of academic and extracurricular programs that the college offers. D'Youville College does not require completion of specific high school subjects for admission to the health services management program, although a strong math and science background is important. It believes that the best foundation for college-level work is the traditional college preparatory high school program consisting of subjects in English, natural science, social science, mathematics and/or foreign language.

Individuals who have attended an institution of higher learning following high school graduation are considered transfer applicants if they have accumulated a minimum of 12 credit hours. Grades of P, S and CR do not count as credit-bearing courses.

All health services management students must maintain a minimum G.P.A. of 2.5 in the major, with no grade below a C. Students are allowed to repeat a major course only once in order to improve their major G.P.A. or their grades in a particular course. Academic standing of students is determined by the cumulative quality point average (Q.P.A.). Admission to the D.P.T. program requires a G.P.A. of 3.0.

CORE PROGRAM

The health service major provides application to the clinical area and the management side of health care. There is an emphasis on a firm base of liberal arts and a common body of knowledge about health services. The specific core requirements and added courses satisfy general education core requirements and give the students a broad comprehensive base in specific areas of health-related knowledge and concepts, which serve as a foundation for the specialization.

HEALTH EDUCATION AND OPERATIONS TRACK:

Students in this option will enter the workforce as entry-level health care employees in hospitals, HMOs, long term care, home care and community care. They will coordinate activities and communicate with diverse groups within the organizations and communities and focus on achieving specific group, organizational and community health goals.

HEALTH SCIENCES TRACK:

Students choosing the science track will study chemistry, physics, anatomy and physiology in preparation for entering licensing programs such as physical therapy, occupational therapy and chiropractic science. Dual-degree (P.T.) majors will move directly into the graduate P.T. program providing they complete all P.T. program prerequisites at a grade of C or better with a minimum cumulative G.P.A. of 3.0 and continue to meet all graduate admissions standards.

Refer to the physical therapy department section, page 101 for further details about graduate P.T. programs.

COURSE REQUIREMENTS

HEALTH SERVICES MANAGEMENT

DEGREE: B.S.

COURSE REQUIREMENTS FOR THE MAJOR:

Core requirements:

	<i>Credits</i>
BIO 107 Human Anatomy and Physiology I.....	3
BIO 107L Human Anatomy and Physiology I Lab.....	1
BIO 108 Human Anatomy and Physiology II.....	3
BIO 108L Human Anatomy and Physiology II Lab.....	1
CSC 110 Computers and Computing.....	3
OR	
CSC 151 Introduction to Computer Programming	
OR	
CSC 161 Introduction to Multimedia	
ENG 111 English Communication I.....	3
ENG 112 English Communication II.....	3
HIS History Elective.....	3
MAT 122 Algebra and Trigonometry.....	3
OR	
MAT 125 Calculus I.....	4
MAT 123 Introduction to Applied Statistics.....	4
PHI 201 Ethics in Theory and Action.....	3
OR	
RS 201 Religion and Social Responsibility	
PSC 201 American Government and Economics.....	3
OR	
ECO 201 Principles of Economics – Macro	
OR	
ECO 202 Principles of Economics – Micro	
PSY 101 General Psychology.....	3
SOC 101 Principles of Sociology.....	3
Six Free Electives.....	18
SUBTOTAL.....	57

In other academic areas required for the major:

ENG 218 Minority Voices in American Literature	
OR	
ENG 231 Advanced Writing I.....	3
PHI 204 Logic and Practical Reasoning.....	3
PHI 336 Problems in Professional Ethics.....	3
PSY 203 Developmental Psychology.....	3
PSY 309 Social Psychology of Disability and Rehabilitation	
OR	
SOC 322 Health, Illness and Society.....	3
RS 214 The Challenges of Death.....	3
SPE 201 Public Speaking.....	3
SUBTOTAL.....	21

In the specific area of concentration:

HS 101 Introduction to Health Care Systems.....	2
HS 203 Medical Terminology.....	1
HS 210 Delivering Health Services.....	3
MGT 305 Principles of Management.....	3
MGT 435 Health Care Management.....	3
HRM 309 Human Resource Management.....	3
HS 220 Community Health.....	3
HS 406 Information Technology in Health Care.....	3
HS 408 Reimbursement Payment Systems.....	3
HS 410 Health Care Law.....	3
MGT 318 Management Information Systems.....	3
SUBTOTAL.....	30

PRACTICE FOCUS (students choose one area)

Health Education and Operations

HS 310 Quantitative Methods.....	3
HS 312 Health Education Program Planning and Evaluation	3
HS 314 Maximizing Health Organization Assets	
Coordination and Communication.....	2
HS 320 Health Services Internship.....	2
HS 414 Project Planning and Management.....	3
HS 420 Advanced Health Services Internship.....	2
SUBTOTAL.....	15

Health Sciences

CHE 111 Chemistry for the Health Sciences I.....	3
CHE 112 Chemistry for the Health Sciences II.....	2
CHE 113 Chemistry for the Health Sciences Lab.....	1
PHY 111 Introduction to Physics I.....	3
PHY 111L Introduction to Physics I Lab.....	1
PHY 112 Introduction to Physics II.....	3
PHY 112L Introduction to Physics II Lab.....	1
SUBTOTAL.....	14

Core requirements 57

In other academic areas required for the major 21

In the specific area of concentration..... 30

Practice focus 14-15

Total 122-123

HISTORY

DEGREE: B.A.

To fulfill the requirements for a bachelor of arts in history, students must complete the following history courses: 103 or 111, 203, 204, 211, 323, 326, 327, 328, 450 and a three-hour senior research project; three courses selected from 309, 325, 329, 343, 344, 350 or another non-North American history course; two courses from 320, 330, 341, 342 or another North-American history course; and a minimum three-credit hour internship is also required.

Twelve credits must be completed in a related field or structured minor. Related fields include social sciences (political science, sociology, psychology) and Spanish. Structured minors include accounting, English, management, computer science, philosophy and psychology.

Students within the department must maintain a minimum 2.0 G.P.A. in courses taken at D'Youville in their major subject area.

A core-requirement history course must be taken before any 300-level history course, unless the individual has a B average in high school social science.

ADMISSION REQUIREMENTS

FRESHMAN ADMISSION

Applicants must meet the following three criteria:

1. Combined SAT scores of at least 900 (or ACT equivalent score of 18)
2. A high school average of at least 80 percent
3. A high school rank in the upper one half of the class

TRANSFER ADMISSION

Students must have a minimum G.P.A. of 2.33. Transfer credits will be determined on a case-by-case basis to assess adaptability to curriculum requirements.

Each student accepted into the program must submit a letter of intent prior to course registration.

COURSE REQUIREMENTS

HISTORY

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR:

In the specific area of concentration:

Credits

HIS 103	Comparing World Civilizations OR	
HIS 111	Growth of Western Culture	3
HIS 203	American Economic & Social History.....	3
HIS 204	American Economic & Social History.....	3
HIS 211	Contemporary Foreign Policy	3
HIS 323	Founding of the American Republic.....	3
HIS 326	Civil War & Reconstruction.....	3
HIS 327	Twentieth-Century America.....	3
HIS 328	Twentieth-Century America.....	3
HIS 450	Senior Research Project.....	3

Group I: History electives chosen from:

9

GLS 101	Global Culture
HIS 309	History of the Far East
HIS 325	Modern World Revolutions
HIS 329	Twentieth-Century Europe
HIS 343	Russia, The West and Change
HIS 344	History of Ireland
HIS 350	Islam and Africa
*HIS 420	Any variable topics course on a non-North American theme

Group II: History electives chosen from:

6

HIS 320	History of New York State	
HIS 330	History of Constitutional Law	
HIS 341	Canada in Transition	
HIS 342	Great Achievers	
*HIS 420	Any variable topics course on a North American theme.	
HIS 444	Internship.....	3-12

In other academic areas required for the major:

Related field in one of the following: **12**

(Overlap with core depends on field selected.)

Social Sciences:

- Political Science
- Sociology
- Psychology
- Economics
- Pre-Law
- Spanish or other foreign language
- Religious Studies

Structured minor (one):

- Accounting
- English
- Management
- Philosophy
- Psychology
- Mathematics & Computer Science

<i>Major</i>	<i>57</i>
<i>Core requirements and electives</i>	<i>63</i>
<i>Total</i>	<i>120</i>

- *Courses may also be transferred in/or taken in the consortia.*

For students wishing to enter the masters program in education/ certification in education: The education program will allow up to four graduate courses to be taken while the student is an undergraduate. If a student wishes to take the entire four courses, two must fall in the senior's final semester as an undergraduate. Further, it is expected that all juniors and seniors wishing to take graduate courses show substantial evidence of academic progress toward their undergraduate degree. Students may not take graduate courses in lieu of required courses by the program. Students must maintain a 3.0 G.P.A. to take graduate courses.

INFORMATION TECHNOLOGY

DEGREE: B.S.

*DEGREE: B.S. IN INFORMATION TECHNOLOGY &
 M.S. IN INTERNATIONAL BUSINESS*

The information technology program at D'Youville is specially designed to offer a hands-on education on the application of computer technology in a business environment.

The program is different from the majority of computer science or computer engineering programs offered today as it is designed to meet the needs of industry as defined by the profession. In addition to computing theories, the program stresses the application of computer technology such as database, networking, system administration, multimedia and Web publishing, security, resource management, integration of technology and software development. The overarching objective of the program is to provide students with essential technical and communication skills and a solid theoretical foundation so that they are well-prepared for professional employment and life-long learning in this ever-changing field.

D'Youville's undergraduate coursework, leading to a bachelor of science degree in information technology, is organized into three levels. The first focuses on information systems fundamentals, personal productivity, systems theories and practices. The second level includes hardware and software programming, data, object structures, networks and telecommunications. The third level includes information systems development and management processes. Students in the bachelor of science degree program also have the option to select one of four professional concentrations: (1) multimedia and Web publishing (2) database information systems (3) networking and communication systems or (4) systems integration and management. Offerings in these professional areas are constructed on various topics, and will vary according to changing technology trends and market demands.

Recognizing the global aspect of the current business environment, the information technology department, in conjunction with the department of business, also offers a five-year program leading to both a bachelor's degree in information technology and a master's degree in international business.

The department is guided by a group of business and academic leaders that make up the information technology advisory board. Their advice and guidance assures that students are learning up-to-date and relevant information as it pertains to industry today. Students also enjoy state-of-the-art lab facilities, modern equipment and current software.

ADMISSION REQUIREMENTS

Information technology as a discipline requires skills in math, science, and communication. Although not part of admission requirements, the department suggests the following high school coursework as adequate preparation for the information technology major:

1. Four years of English, with a substantial writing component
2. Three years of college-preparatory science
3. At least three years of college-preparatory mathematics

Freshman admission is based on equal consideration of grade point average, class rank, and SAT I or ACT score. The quality of the high school academic program is also considered. Any additional materials submitted by applicants, such as letters of recommendation and personal statements, are also reviewed by the admission committee.

Each year, the department reserves a limited number of seats for transfer students. The general admission requirements for transfer students are as follows:

1. Minimum G.P.A. of 2.5
2. A cumulative average of at least B in all math and computer courses taken from the previous institution(s).

A transfer student who doesn't meet these requirements may still be admitted. However, he/she may be asked to retake some courses.

ACADEMIC POLICIES

Students within the department must maintain a minimum 2.0 grade point average in the courses taken at D'Youville in coursework required for their major. Students who fail to do this will be placed on probation in the major for the forthcoming semester. Any student who is on academic probation in the major for more than two consecutive or three non-consecutive semesters will be dismissed from the major. Students may appeal the decision on academic status by submitting, in writing to the department chairperson, reasons why exceptional consideration may be justified.

Students in the IT program are also expected to use computers in a responsible and ethical fashion. The unethical use of computers includes, but is not necessarily limited to, any of the following activities: a) infringement on copyright laws such as the exchange of proprietary software, b) gaining unauthorized access to information which is of a sensitive nature, c) willfully causing data loss or corruption, d) willfully causing denial of services to other users, e) gaining unauthorized access to computer systems. A student found engaged in such activities will be subject to disciplinary action, including dismissal from the program at the discretion of the chairperson.

COURSE REQUIREMENTS

INFORMATION TECHNOLOGY

DEGREE: B.S.

COURSE REQUIREMENTS FOR THE MAJOR:

In the specific area of concentration:

	Credits
IT 101 Introduction to Information Technology	1
IT 111 Java Programming I.....	3
IT 112 Java Programming II	3
IT 231 Computer Organization & Architecture	4
CSC/IT 241 Data Structures and Algorithms	3
IT 304 Object-Oriented Computing	3
IT 315 Interactive Interface Design	3
IT 323 Database Design and Development	3
IT 331 Internet Working and Communication	3
IT 338 Modern Operating Systems	3
IT 415 Systems Development Concepts and Methodologies.....	3

In other academic areas required for this major:

MAT 120 Elementary Practical Statistics	3
MAT 125 Calculus I	4
MAT 126 Calculus II	4
MAT 318 Discrete Math	3
PHY 103&103L Physics for Engineers I & Lab	4
PHY 104&104L Physics for Engineers II & Lab	4

Business and Management concentration

MGT 305 Principles of Management	3
MGT 401 Organizational Behavior	3

Select any two of the following courses:6

ACC 402 Managerial Accounting
ECO 201 Principles of Economics-Macro
ECO 202 Principles of Economics-Micro
IT 444 Information Technology Internship
MGT 304 Communicating in Organizations
MGT 318 Information and Communication Technology Management
MGT 315 Financial Management
MGT 321 Entrepreneurship I
MGT 323 Entrepreneurship II
MGT 407 Quantitative Management Decision Making
MGT 411 International Business
MGT 440 Intro. to Management, Marketing & Business Law

Professional Concentration

Select 4 courses from at least two of the following areas: 12

- Multimedia and Web Publishing
- Database Information Systems
- Networking and Communication Systems
- Systems Integration and Management

Major requirements.....32

Other major requirements.....22

Business concentration.....12

Professional concentration.....12

Core requirements and electives.....45

Total 123

INFORMATION TECHNOLOGY/INTERNATIONAL BUSINESS

DEGREE: B.S. in Information Technology/M.S. in International Business

COURSE REQUIREMENTS FOR THE MAJOR:

In the specific area of concentration (IT):

	Credits
IT101 Introduction to Information Technology.....	1
IT111 Java Programming I.....	3
IT112 Java Programming II.....	3
IT231 Computer Organization & Architecture.....	4
CSC/IT241 Data structures & algorithms.....	3
IT304 Object Oriented Programming.....	3
IT315 Interactive Interface Design.....	3
IT323 Database Design &Development.....	3
IT331 Internet Working & Communication.....	3
IT338 Modern Operating System.....	3
IT415 Systems Development Concepts and Methodologies	3

IT Professional Elective

Select any one IT course from any of the following areas.....3

Multimedia & Web Publishing
 Database Information Systems
 Network and Communication Systems
 Systems Integration and Management

In other academic areas required for the major:

MAT 120 Elementary Practical Statistics.....	3
MAT 125 Calculus I.....	4
MAT 126 Calculus II.....	4
MAT 318 Discrete Math.....	3
PHY 103&103L Physics for Engineers I & Lab.....	4
PHY 104&104L Physics for Engineers II & Lab.....	4

International Business and Management concentration:

ECO 201 Principles of Economics.....	3
LAW 303 Business Law I.....	3
MGT 305 Principals of Management.....	3
MGT 401 Organizational Behavior.....	3
MGT 411 International Business.....	3

In the specific area of concentration (IB):

IB 501 Theoretical Concepts in Global Economics.....	3
IB 503 International Economics, Finance and Accounting	3
IB 505 International Negotiation and Communication	3
IB 506 International Management.....	3
IB 602 Multinational Corporate Finance.....	3
IB 604 International Marketing and Research.....	3
IB 605 Legal Environment in International Business.....	3
IB 607 Global Supply Chain and Logistics Management	3
IB 608 Multinational Strategic Management.....	3
IB 610 Multinational Financial Reporting.....	3
SUBTOTAL.....	30

IB Graduate Research Component:

GRA 600 Theory Development.....	3
GRA 621 Applied Research Methods.....	3
GRA 622 Applied Research Project Seminar.....	3
SUBTOTAL.....	9

IB Field Work

IB 620 International Business Fieldwork.....	3-9
SUBTOTAL.....	3-9

INTERDISCIPLINARY STUDIES

Interdisciplinary studies is a bachelor of arts degree which prepares students interested in childhood-, adolescence-, and special-levels education. The program is designed to lead students towards a master of science in education. Those who wish to teach at the secondary level are required to take a 36-credit concentration in the subject area they will teach. Special education options are also available.

Students who maintain a cumulative average of B or better in their first two years of the program may begin taking graduate courses in the junior year. They can earn their master's degree in education and be eligible for initial certification by the end of their fifth year of study. Not only does this permit early entry into teaching, but it results in considerable savings in tuition costs.

Students who enter the program follow a carefully sequenced curriculum in the liberal arts and sciences in order to insure they have the necessary knowledge base for teaching. Required courses include study in English literature and writing, philosophy, foreign language, fine arts, math and natural sciences, and history, sociology and psychology. These courses are taught by faculty from the departments of liberal arts, and math and natural sciences. During their undergraduate years, students are guided by advisors in the advisement center.

ADMISSION REQUIREMENTS

The program accepts applicants for full-time study from the freshman year. Students are admitted directly into the program. Qualified transfer students who have comparable preparation in the liberal arts and sciences are accepted on a space-available basis. A minimum G.P.A. of 2.5 is required for admission.

ACADEMIC REGULATIONS

Academic regulations for students accepted into the program are in addition to general college policies for all part-time and full-time students. The program is divided into three stages as follows:

Phase I—Acceptance and entry into the program;

Phase II—Entry into upper-level graduate course work in education;

Phase III—Candidacy for the master's degree in education. Academic regulations listed below must be met at each phase of the program.

Phase I:

Entry into the B.A.+M.S.

1. Students are admitted into the program based on the criteria outlined in the D'Youville College undergraduate catalog.
2. Students who later plan to teach at the childhood, adolescence or special level usually enter the interdisciplinary studies major.
3. Students who later plan to teach at the childhood (grades one to six) or adolescence (grades seven-twelve) level must enter a major such as biology, mathematics, chemistry, English or history.
4. To be in good standing, students must maintain a minimum G.P.A. of 2.5. Students with less than a 2.5 G.P.A. may be dismissed from the program. (**Note: A G.P.A. of 3.0 is required to begin taking graduate courses in the junior year.**)

Phase II:

Entry into upper-level graduate course work in education

1. Students who have maintained a G.P.A. of 3.0 or better begin taking graduate courses in education in the junior year.
2. Before registering for graduate coursework, students must meet with our certification officer.
3. No more than six credits of grades below a B (B-, C+, etc.) are applicable to the graduate degree.
4. Any grade below C in the department of education is considered failing. The course may be repeated.
5. A course may be repeated only once.
6. A student with two or more graduate grades below a C or with a cumulative graduate GPA less than 3.0 at any time will no longer be permitted to take graduate-level courses and will not be automatically admitted into the graduate programs in education.

Phase III:

Candidacy for the master of science degree

1. Students who have completed the bachelor of arts degree in interdisciplinary studies, or in a major field, and have an overall G.P.A. of 3.0 or higher apply for admission into the master's degree programs in the department of education.
2. All rules and regulations pertaining to graduate students at D'Youville College are applicable to graduate students in the department of education. Students are also subject to all rules and regulations in the department of education.
3. Students at the Phase III level should refer to the D'Youville College graduate catalog for additional regulations which might be applicable.

Note: Although the interdisciplinary studies major is integrated with the graduate programs in education, it is not a dual-degree program. Once students complete their baccalaureate degree in interdisciplinary studies, they may choose to continue to earn a master of science degree in education or they may choose to apply to any other area of graduate studies.

COURSE REQUIREMENTS

INTERDISCIPLINARY STUDIES/EDUCATION

DEGREE: B.A. Interdisciplinary Studies + M.S. Education

Course requirements for the major:

Humanities:

ENG 215	World Literature I.....	3
OR		
ENG 216	World Literature II.....	3
ENG 218	Minority Voices.....	3
ENG 231	Advanced Writing I.....	3
OR		
ENG 232	Creative Writing I.....	3
SUBTOTAL.....		9

At least one of the following:

ENG 300	Women Writers.....	3
ENG 313	Contemporary Writers.....	3
ENG 314	Art of the Film.....	3
ENG 315	Modern British & American Writers.....	3
ENG 318	Modern Continental Literature.....	3
ENG 340	South Asian Literature in English.....	3
ENG 342	Magical Realism.....	3
OR		
ENG 343	Caribbean Literature.....	3

AND

Any ENG elective 300-400.....		3 (min. 3 credits)
ENG 406	Critical Theory.....	3
PHI 204	Logic.....	3
PHI 401	The Person.....	3
RS 102	Belief and Unbelief in the Brave New World.....	3
SUBTOTAL.....		18

Fine arts and languages:

Any two Fine Arts electives.....		6
SPE 201	Speech.....	3
Two foreign language courses.....		6
SUBTOTAL.....		15

Social sciences:

PSY 203	Developmental Psychology.....	3
SOC 211	The Changing Social World.....	3
SOC 311	The Family.....	3
PSY/SOC 205	Social Psychology.....	3
OR		
PSY 206	Abnormal Psychology.....	3
SUBTOTAL.....		12

In addition to history core:

HIS 203	American Economic & Social History I.....	3
OR		
HIS 204	American Economic & Social History II.....	3
One North American History (300-400 level).....		3
One Non-North American History (300-400 level).....		3
OR		
HIS 103	Comparing World Civilizations.....	3
SUBTOTAL.....		9

Mathematics

Any three MAT courses (except MAT 101).....min. 9

Natural Sciences:

Five (5) of CHE, BIO or PHY

(at least one of each, at least three must be with labs),

(except CHE 105).....min. 18

Education*:

EDU 101	Seminar in Education (part one).....	1
EDU 102	Seminar in Education (part two).....	1

*Students with 30 credits are exempt.

The education program will allow up to four graduate courses to be taken while the student is an undergraduate. If a student wishes to take the entire four courses, two must fall in the senior's final semester as an undergraduate. Further, it is expected that all juniors and seniors wishing to take graduate courses show substantial evidence of academic progress toward their undergraduate degree. Students in the interdisciplinary studies program must be second semester juniors with a minimum of 56 credit hours accepted in the IDS program before taking any graduate education courses. Students may not take graduate courses in lieu of program-required courses.

Students may take (if students are making good progress toward their undergraduate degree) the following courses:

EDU 622	Meeting the Needs of Exceptional Learners
OR	
SED 643	Theoretical Perspectives in the Education of Individuals with Mild Disabilities
EDU 621	Childhood Methods I
OR	
SED 644	Theoretical Perspectives in the Education of Individuals with Severe/Profound Disabilities
EDU/SED 656	Philosophical and Social Foundations of Education
EDU/SED 652	Curriculum Planning in Education

Students should consult with the certification officer before registering for graduate coursework.

INTERNATIONAL BUSINESS

DEGREE: B.S./M.S.

The bachelor's/master's degree in international business combines specialized training in international business with a strong foundation in a foreign language, quantitative research, finance and accounting, communication, ethics and interpersonal skills. Rapid changes in the global economy and the explosive growth in international trade and investment make it necessary that managers be trained in the following:

- Understanding and managing strategic and functional areas of business,
- Managing cultural differences in the global environment and
- Communicating in foreign languages.

Top executives of international business confirm the need for managers with international business training, especially at the master's level. Graduates of this program will be able to pursue worldwide employment with the following:

- Multinational companies as well as small exporting firms
- International financial institutions
- Government agencies such as U.S. Commerce Department and EXIM Bank
- Management consulting firms and export management companies
- Logistics and transportation companies
- Colleges and universities

Students combine theoretical concepts learned in the classroom with practical training gained through fieldwork experiences. Fieldwork options include business internship opportunities with U.S. offices of multinational corporations as well as opportunities to combine work and study abroad. D'Youville admits high school and transfer students directly into the combined B.S./M.S. program in international business and guarantees a place in the class as long as all of the academic requirements are met.

The international business program at D'Youville College has been approved and registered by the New York State Department of Education. Students who successfully complete all requirements specified by the five-year course of study will be awarded B.S. and M.S. degrees in international business at the time of graduation. The program is accredited by the International Assembly of Collegiate Business Education.

The program's first two years are devoted primarily to studying arts, humanities and science to satisfy the general education core requirements of the college's baccalaureate degree and certain prerequisite requirements specified by the program curriculum (such as macroeconomics, microeconomics and four semesters of foreign language). The third year is dedicated to the existing business core curriculum. Graduate courses in international business begin in the fourth year and contain relevant research, analytical and communications components.

Required international fieldwork begins in the summer session between the fourth and fifth years of study. Fieldwork assignments are arranged on an individual student basis. Assignments may involve developing exporting or importing strategies, performing advertising or marketing research, developing international financing proposals or developing international policies for organizations interested in internationalizing operations. Students have an opportunity to extend fieldwork into the fifth year of study.

INTERNATIONAL BUSINESS ARTICULATION AGREEMENT WITH SENECA COLLEGE, ONTARIO, CANADA

Students who complete the two-year general arts and science or two- and three-years international business diplomas at Seneca College with a G.P.A. of 3.0 or better will be eligible for acceptance into the third year of D'Youville's B.S./M.S. combined international business program. Specific details for each agreement are available in the department of business or the undergraduate admissions office.

STUDENT RESPONSIBILITIES

The international business program is a demanding program in course work and time commitment. Students enrolled in the program must complete two summer sessions in addition to the ten full semesters of coursework in order to complete the program in five years. Fieldwork assignments, scheduled in the fourth and fifth years of study, may be completed at home or abroad and may require an additional expense for travel and room and board.

ADMISSIONS REQUIREMENTS

Admission requirements for applicants entering as freshmen are as follows:

1. Combined SAT scores of at least 1000 (*Math and Verbal*) or ACT equivalent
2. A high school average of at least 85 percent
3. High school rank in the upper half of class

Students must also demonstrate successful completion of two years of mathematics. One year of foreign language is recommended, but not mandatory. Although D'Youville does not mandate that letters of recommendation or a letter of intent to study a specific discipline be included with the application, students applying to the international business combined B.S./M.S. program are strongly advised to include these documents with their application.

The admission requirement for transfer students is a minimum G.P.A. of 2.5. Transfer students are also strongly advised to include letters of recommendation and a letter of intent with their application. Students with a G.P.A. of lower than 2.5 may be considered for conditional acceptance on an individual basis. Conditionally accepted students can matriculate after completing four undergraduate or graduate courses, as appropriate, with a grade of B or better.

Applicants holding other baccalaureate degrees at the time of admission are not required to satisfy the college's core curriculum. However, foreign language and economics requirements must be met prior to advancement to the fourth year of study. In addition, it is highly recommended that transfer students gain competence in word processing and other basic computing skills prior to entering the program.

Please note that students are admitted directly into the program and do not have to re-apply for admission to the upper division of the program.

ACADEMIC REGULATIONS

The academic regulations listed below must be met by full-time and part-time students.

UNDERGRADUATE ACADEMIC REQUIREMENTS:

To be in good standing during the first three years of the program, students are responsible for the following:

1. They must maintain semester and cumulative averages of 2.5.
2. They must maintain a minimum grade of C in all 100- to 400-level courses required in the major and for all other courses required for the major. Students who fail to obtain a grade of C in a required course for the major at the undergraduate level will not be permitted to enroll in major courses having a IB prefix at the 500 and 600 levels until the course is repeated with a minimum grade of C. If space is available a course must be repeated with permission of the program faculty the next time it is offered. A course may be repeated only once.
3. Undergraduate program students experiencing academic difficulties may be required to decelerate their progress until an acceptable level of general academic performance is achieved. Permission to decelerate in the program must be obtained from the chair of the department of business.
4. Students at the undergraduate level can be placed on program probation only once. Any academic deficiency beyond the first program academic probation will result in dismissal from the program.

GRADUATE ACADEMIC REQUIREMENTS:

To be in good standing during the fourth and fifth years of the program, the following are required:

1. A student must maintain a minimum semester and cumulative average of at least 3.0.
2. No more than a total of two courses with grades lower than B are applicable to the graduate level. This policy applies to all 500- and 600-level courses. A grade of C- or lower is not applicable to the degree in international business.
3. Students who fail to achieve a minimum grade of C- for any course included in the graduate portion of the program (500- or 600-level courses) will not be permitted to enroll for subsequent semesters of the graduate portion until the course have been successfully repeated with a minimum grade of C. If space is available, the course must be repeated the next time it is offered.
4. Students are required to obtain permission of program faculty prior to registration in fieldwork internships included in the graduate portion of the program. Permission may be denied on the basis of demonstrated weakness or inability to meet the program's academic or professional standards.
5. All fieldwork assignments must be completed with a satisfactory (S) grade. Students receiving an unsatisfactory (U) grade for a fieldwork assignment must receive formal approval of program faculty to repeat the fieldwork experience. A student will not be permitted to repeat an unsatisfactorily completed fieldwork more than once.

ACADEMIC PROBATION

A student will be placed on program academic probation when there is failure to satisfy specific program academic standards or regulations. A student will be placed on academic probation for the two full-time semesters which immediately follow the date of probation. All students on program academic probation must meet the academic standards for their classification (undergraduate/graduate). Failure to meet the academic standards during a probationary period will result in dismissal from the program

Academic deficiencies which result in program probation must be corrected within the two semesters that immediately follow the date of probation.

Students placed on academic probation are not permitted to advance to subsequent semesters of study until the academic deficiency which resulted in the probation status has been remedied. The student will remain on probation for two semesters in which full-time coursework, or its equivalent, is satisfactorily completed.

Students may appeal the decision of dismissal from the international business program to the chair of the department of business. The appeal is initiated with a letter from the student to the department chair that describes the extenuating circumstances that limited academic performance. The department chair then presents the appeal to the business faculty for consideration. If the appeal is accepted, the student will remain on program academic probation for two full-time semesters and must satisfy the criteria of probation.

STUDENT CONDUCT

Students enrolled in the D'Youville College international business program are expected to demonstrate high standards of personal behavior and professional conduct in the academic and fieldwork assignments. Academic dishonesty of any form will not be tolerated by the program faculty. College policy regarding academic dishonesty will be followed with the recommendation that the offender be dismissed from the international business program.

INTERNATIONAL BUSINESS COURSES

Graduate courses (500 and 600 levels) offered by the international business program are listed below. Undergraduate college-core and business-core courses, such as management, law or foreign language, are described in the appropriate sections for each discipline. Graduate courses with the prefix GRA are described in the graduate catalog.

COURSE REQUIREMENTS**INTERNATIONAL BUSINESS**

DEGREE: B.S./M.S.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>	<i>Credits</i>
ACC 211 Principles of Accounting I	3
ACC 212 Principles of Accounting II	3
ECO 207 Business Statistics.....	3
LAW 303 Law I.....	3
MGT 304 Communicating in Organizations.....	3
MGT 305 Principles of Management.....	3
MGT 315 Financial Management.....	3
MGT 411 International Business.....	3
MKT 304 Introduction to Marketing.....	3
MGT Electives: Two 300- and 400-Level Management Courses	6
IB 501 Theoretical Concepts in Global Economics	3
IB 503 International Economics, Finance and Accounting	3
IB 505 International Negotiations and Communications	3
IB 506 International Human Resources Management	3
IB 602 Multinational Corporate Finance.....	3
IB 604 International Marketing and Research	3
IB 605 Legal Environment in International Business.....	3
IB 607 Global Supply-Chain and Logistics Management	3
IB 608 Multinational Strategic Management.....	3
IB 610 Multinational Financial Reporting.....	3
IB 620 International Business Fieldwork I.....	9
IB 630 International Business Fieldwork II.....	3
 <i>In other areas required for this major:</i>	
ECO 201 Macroeconomics.....	3
ECO 202 Microeconomics	3
Foreign Language.....	12
MAT 123 Applied Statistics	4
GRA 600 Theory Development.....	3
GRA 601 Research Methodology and Design.....	3
GRA 610 Thesis Seminar.....	3
OR	
GRA 621 (Applied Research Methods)	
GRA 629 Thesis Advisement	3
OR	
GRA 622 (Applied Research Project Seminar).....	3
 <i>Core requirements.....</i>	 <i>57</i>
<i>100- and 400-level requirements specified by the program</i>	<i>40</i>
<i>500- and 600-level requirements specified by the program</i>	<i>54</i>
TOTAL.....	151

MANAGEMENT

DEGREE: B.S.

The management program provides students with the knowledge and skills necessary to become competent and responsible managers.

The degree conferred is the bachelor of science in business management. The curriculum prepares the student by emphasizing a firm base of liberal arts and a common body of knowledge about management responsibilities. Students graduate from the program having developed a coherent and dynamic personal philosophy about managing, an understanding of the ever-changing technological world, and a strong sense of social responsibility. The management curriculum serves students wishing to obtain professional degrees. It prepares students for careers as executives and specialists in business and other complex organizations.

Along with the traditional B.S. in management, D'Youville College also offers the management degree for working adults with some college credits. The ADVANCE program, an accelerated degree completion program taught over 21 months, is taught in a cohort modular format. Students complete one course at a time every five weeks by attending classes one night per week.

All management majors take MGT 316. All accounting majors take ACC 417. All management majors must take MGT 444 (Internship) for a minimum of three credit hours. However, this course can also be taken for six credit hours or the student may take MGT 445 for six - 12 credit hours. A waiver of this requirement will be given only in exceptional circumstances as determined by the department chair. If a waiver is granted, the student must take another minimum three-credit course stipulated by the department chair in consultation with the student's advisor. The above stipulations also apply for accounting students who must take ACC 444 (internship) for a minimum of three-credit hours. MGT 316 or ACC 417 will NOT satisfy the computer requirement in the core.

Students must earn a C grade in each course in the major. One half of the major (30 credits) must be earned at D'Youville. Students may repeat a major course once. Students may repeat no more than three major courses in their total program.

ADVANCE PROGRAM IN MANAGEMENT

Along with the traditional B.S. in management, the department of business also offers a management degree specifically designed for working adults who want to get ahead in their careers, broaden their credentials to have more career choices or want to earn a baccalaureate degree.

Department cohorts or class groups begin several times during the academic year. Courses are scheduled in the evenings to fit busy lifestyles. The program places particular emphasis on self development, communication, problem-solving competence, supervision, human resource management and ethical leadership. It also emphasizes critical thinking and written communication skills.

In addition to the following courses in the ADVANCE modular program, students complete or transfer six additional business courses, as well as, meet the requirements for the college core curriculum. Many of these college core courses are offered in modular format.

COURSE REQUIREMENTS

ADVANCE MODULES

Degree: B.S. in Management

COURSE REQUIREMENTS FOR THE MAJOR:

In the specific area of concentration:

Credits

Module 1	MGT 389V	Special Topics: Adult Development and Management.....	3
Module 2	MGT 305V	Principles of Management.....	3
Module 3	MGT 304V	Communicating In Organizations.....	3
Module 4	HRM 309V	Human Resources Management.....	3
Module 5	MGT 401V	Organizational Behavior.....	3
Module 6	ECO 207V	Business Statistics.....	3
Module 7	ACC 211V	Accounting I.....	3
Module 8	ACC 212V	Accounting II.....	3
Module 9	MGT 315V	Financial Management.....	3
Module 10	MKT 304V	Principles of Marketing.....	3
Module 11	MGT 318V	Information & Communication Technology Management.....	3
Module 12	MGT 411V	International Business.....	3
Module 13	MGT 407V	Quantitative Management Decision Making.....	3
Module 14	MGT 412V	Management Strategy and Policy.....	3
Module 15	MGT 444V	Internship/Action Research Project	3

Six additional business courses:

ECO 201	Principles of Economics-Macro.....	3
ECO 202	Principles of Economics-Micro.....	3
LAW 303	Business Law I.....	3
MGT 316	Personal Computers & E-Commerce for Managers	3
MGT	Two MGT courses at the 300-400 level.....	6

MANAGEMENT ARTICULATION AGREEMENTS

D'Youville has formed articulation agreements allowing transfer students from the following institutions and programs to enter the management program at the second- or third-year level:

Seneca College, Ontario, Canada
 Business Administration

Erie Community College, New York
 Business Administration
 Business Transfer

Bryant & Stratton, New York
 Business Management
 Marketing and Sales

Trocaire College
 Transfer Concentration
 Hotel Management
 Sales and Marketing
 Health Information Technology
 Health Care Office Management

Villa Maria College
 Business Management

Agreement details and other information for transfer students are available in the department of business.

COURSE REQUIREMENTS

MANAGEMENT

DEGREE: B.S. in BUSINESS MANAGEMENT

COURSE REQUIREMENTS FOR THE MAJOR:

	<i>Credits</i>
ACC 211 Principles of Accounting I.....	3
ACC 212 Principles of Accounting II	3
MGT 304 Communicating in Organizations.....	3
ECO 201 Principles of Economics-Macro.....	3
ECO 202 Principles of Economics-Micro.....	3
ECO 207 Business Statistics.....	3
LAW 303 Business Law I.....	3
MGT 316 Personal Computers and E-Commerce for Managers	3
MGT 444 Internship.....	3
MGT 411 International Business.....	3
HRM 309 Principles of Human Resources Management	3
MGT 305 Principles of Management.....	3
MKT 304 Principles of Marketing.....	3
MGT 401 Organizational Behavior.....	3
MGT 407 Quantitative Management Decision-Making.....	3
MGT 315 Financial Management.....	3
MGT 318 Information and Communication Technology Management.....	3
MGT 412 Management Strategy and Policy	3
MGT Three management electives	9
	<i>(Any 300- or 400-level MGT courses)</i>
Major.....	63
Core requirements and electives.....	57
Total.....	120

A student must earn a C grade in each course in the major. One half of the major (**30 hours**) must be earned at D'Youville. A student may repeat a major course once. A student may repeat no more than three major courses in the total program.

* To qualify for an internship, students must have achieved a G.P.A. of 2.5 and receive the recommendation of a faculty member in their major field. Students who do not meet these requirements may apply for a waiver. A waiver of the requirement will be granted only in exceptional circumstances as determined by the department chair. If a waiver is granted, the student must take another minimum three-credit course stipulated by the department chair in consultation with the student's advisor.

MATHEMATICS

DEGREE: B.A.

The B.A. major in mathematics is designed to offer a broad exposure to the rich field of mathematics. Students will be prepared by the program to continue their studies in a graduate program, in the field of actuarial sciences or in secondary education. The thirty-six hours of required mathematics courses cover a wide spectrum of material. The student will also have sufficient free credits to explore other disciplines or further expand their mathematical experience. The college also has a strong history in education, and this degree would complement the education department, allowing students who wish to become secondary school teachers of mathematics to complete their master's degree in education at D'Youville College.

A total of 36 hours in mathematics are required, including 27 required credit hours for the following courses: MAT 125, 126, 202, 300, 301, 315, 401 and either 302 or 402. The students take three mathematics electives courses (nine credits) chosen from MAT 303, 304, 310, 318, 321, 389/390, 403, 404, 407/408, 410, 412, 414, 417, 424, 443, 479, 480 and either 302 or 402 (the one not taken as a MAT requirement). In addition, eight credit hours in physics, including PHY 101, 101L, 102 and 102L (these courses are in addition to the seven credits of core science) must be taken.

After consulting their advisor, students should select courses in philosophy, ethics, history and literature that will contribute to their liberal arts education. A faculty advisor will also advise students interested in graduate school possibilities.

ADMISSION REQUIREMENTS

The B.A. in mathematics is designed for students preparing for graduate school as well as for secondary education. Admission into either track requires a minimum SAT score of 1000 (or ACT of 21), a high school average of 85 percent and a rank in the top 50 percent of one's class. Transfer students are required to have a minimum G.P.A. of 2.5. Students nearly meeting these requirements will be considered for these programs by the department.

PROGRAM REQUIREMENTS

Students within the department must maintain a minimum 2.0 G.P.A. in coursework required for their major and taken at D'Youville College. Students must have a minimum grade of B- in MAT 125 and MAT 126. Students who fail to earn this G.P.A. will be placed on probation in the major. Probation may continue for a maximum of three consecutive semesters or a total of four non-consecutive semesters. Students who exceed these limits will be dismissed from the major. Students may appeal these decisions on academic status by submitting, in writing to the department chairperson, reasons why exceptional consideration may be justified.

For students wishing to enter the master's program in education/ certification in education: The education program will allow up to four graduate courses to be taken while the student is an undergraduate. If a student wishes to take the entire four courses, two must fall in the senior's final semester as an undergraduate. Further, it is expected that all juniors and seniors wishing to take graduate courses show substantial evidence of academic progress toward their undergraduate degree. Students may not take graduate courses in lieu of required courses by the program.

COURSE REQUIREMENTS

MATHEMATICS

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>All of the following:</i>	<i>Credits</i>
*MAT 125 Calculus I.....	4
*MAT 126 Calculus II.....	4
MAT 202 Calculus III.....	4
MAT 300 Mathematical Reasoning.....	3
MAT 301 Real Analysis I.....	3
MAT 315 Linear Algebra.....	3
MAT 401 Abstract Algebra I.....	3
<i>Select one of the following two courses:</i>	
MAT 302 Real Analysis II.....	3
MAT 402 Abstract Algebra II.....	3
SUBTOTAL.....	27

Mathematics electives (select three of the following):

MAT 302 Real Analysis II (if not used as a major requirement)	3
MAT 303 Foundations of Geometry I.....	3
MAT 304 Foundations of Geometry II.....	3
MAT 310 Foundations of Mathematics.....	3
MAT 318 Discrete Mathematics.....	3
MAT 321 Differential Equations.....	3
MAT389-90 Special Topics in Mathematics.....	3
MAT 402 Abstract Algebra II (if not used as a major requirement)	3
MAT 403 Probability.....	3
MAT 404 Mathematical Statistics.....	3
MAT 407/408 Senior Seminar.....	2
MAT 410 Number Theory.....	3
MAT 412 General Topology.....	3
MAT 414 Complex Analysis.....	3
MAT 417 Graph Theory.....	3
MAT 424 Numerical Analysis.....	3
MAT 443 Methods for Teaching Mathematics.....	3
MAT 479 Data Analysis Methods.....	3
MAT 480 Statistical Applications.....	3
SUBTOTAL.....	9

In other academic areas required for the major:

PHY 101/101L Physics I/Lab.....	4
PHY 102/102L Physics II/Lab.....	4
SUBTOTAL.....	8

<i>Major requirements</i>	<i>44</i>
<i>Core requirements</i>	<i>46</i>
<i>Free electives (including core electives)</i>	<i>30</i>
Total.....	120

* Minimum grade of B- required

MILITARY SCIENCE

Students from D'Youville College wishing to pursue a career in the U.S. military are able to follow a course of study in military science as cross-registered students at Canisius College. The military science program at Canisius College is designed to augment the college learning experience. Its primary goals are to identify, instruct and commission men and women for service as officers in the active United States Army, the Army Reserve or the Army National Guard. D'Youville students interested in learning more about the possibility of military service in this form should contact the Canisius College professor of military science at 716.883.7000.

Courses taken at Canisius on a cross-registration (no fee) basis include the following:

FRESHMAN AND SOPHOMORE YEARS:

MLS 101	Introduction to ROTC	1
MLS 102	Introduction to Leadership	1
MLS 201	Self/Team Development	1
MLS 202	Individual/Team Military Tactics	1
MLS 211	Leadership Laboratory	2
MLS 212	Leadership Laboratory	2

JUNIOR AND SENIOR YEARS:

MLS 301	Unit Organization and Operations I	3
MLS 302	Unit Organization and Operations II	3
MLS 401	Advanced Leadership Studies	3
MLS 402	Military Law, Ethics and the Military Profession	3

These courses, when completed, may be applied to D'Youville degree requirements as general electives in the core curriculum.

Detailed information is available in the Canisius College catalog.

MINORS (STRUCTURED)

Structured minors are sets of courses designed to give the student marketable skills which could enhance a competency gained in any major. To take a structured minor which will be recorded on the transcript, the student must do the following:

1. Students should complete a statement of intent. Forms are available in the registrar's office.
2. Students must maintain a G.P.A. of 2.0 in the required courses.
3. Students should complete a minimum of 12 credits as indicated in the chosen area of study.
4. Students should take at least nine of the needed credits at D'Youville.
 Students may not minor in an area within their major discipline.
 However, in some instances courses taken for a minor may also be used to satisfy the core.

ACCOUNTING MINOR (12 credit hours)

The accounting minor is a useful complement to a major in management or general business. Like the other structured minors, it offers greater employment potential. It is particularly useful to someone working in or operating a small business.

Required courses:

ACC 211	Principles of Accounting I.....	3
ACC 212	Principles of Accounting II.....	3
ACC 311	Intermediate Accounting I.....	3
One of the following:		
ACC 312	Intermediate Accounting II.....	3
ACC 321	Tax Accounting.....	3

BIOLOGY MINOR (Minimum of 18 credit hours)

Any D'Youville student not seeking a degree in biology could complete this minor. It could be used by those who wish to feature a biology foundation in their resumes.

Two introductory courses:

BIO 101	Introductory Biology I with Lab.....	4
	AND	
BIO 102	Introductory Biology II with Lab.....	4
	OR	
BIO 107	Human Anatomy and Physiology I with Lab	4
	AND	
BIO 108	Human Anatomy and Physiology II with Lab	4

Three courses (encompassing a minimum of 10 credits) from:

BIO 208	Microbiology with Lab.....	4
BIO 216	Marine Biology.....	3
BIO 218	Invertebrate Zoology with Lab.....	4
BIO 229	Ecology with Lab.....	4
BIO 240	Human Gross Anatomy for Physicians Assistance	4
BIO 242	Evolution.....	3
BIO 302	Genetics with Lab.....	4
BIO 303	Biochemistry with Lab.....	4
BIO 304	Microscopic Anatomy with Lab.....	4
BIO 307	Pathophysiology.....	3
BIO 310	Immunology.....	3
BIO 312	Molecular Cell Biology with Lab.....	4
BIO 317	Comparative Anatomy with Lab.....	4
BIO 320	Developmental Biology with Lab.....	4
BIO 339	Human Gross Anatomy with Lab.....	6
BIO 342	Endocrinology.....	3
BIO 389/390	Topics for Majors.....	3
BIO 4-	Research or Independent Study.....	3

BUSINESS MINOR (18 credit hours)

The minor in general business provides courses in accounting, management and economics. Liberal arts majors and those working with small businesses will find this minor helpful. This minor is available only to students who are not accounting and/or management majors.

Required courses:

ACC 211	Principles of Accounting I.....	3
ACC 212	Principles of Accounting II.....	3
ECO 201	Principles of Economics Macro.....	3
ECO 202	Principles of Economics Micro.....	3
ECO 207	Business Statistics.....	3
MGT 305	Principles of Management.....	3
	OR	
MKT 304	Principles of Marketing.....	3

CHEMISTRY MINOR (23 credit-hours)

A structured minor in chemistry may be taken by students who are interested in enhancement of their credentials (especially students enrolled in majors already carrying chemistry requirements, e.g., biology).

Required courses:

CHE 101/101L	General Chemistry I.....	4
CHE 102/102L	General Chemistry II.....	4
CHE 219/219L	Organic Chemistry I.....	4
CHE 220/220L	Organic Chemistry II.....	4
CHE/BIO303/303L	Biochemistry	4

One chemistry elective chosen from the following:

CHE 311	Physical Chemistry I.....	3
CHE 412	Spectroscopy.....	3
CHE 421	Organometallic Chemistry.....	3

Other courses may be taken with departmental approval.

ENGLISH MINOR (15 credit hours)

A minor in English is also available to students in other majors at D'Youville. Required courses include 15 credit-hours in English, with at least nine credits at the 300-400 level.

ENTREPRENEURSHIP MINOR (12 credit hours)

The purpose of the minor in entrepreneurship is to enable students to expand their skills and knowledge in small business/practice management. The structured minor is designed to teach students managerial, financial and marketing concepts related to small business ownership. The minor is geared toward students who may want to gain expertise in entrepreneurship/small business management or want to own or manage a practice in the future. **NOTE: The entrepreneurship structured minor is available only to non-management majors.**

Required courses:

ACC 211	Principles of Accounting I	3
MGT 305	Principles of Management	3
MGT 321	Entrepreneurship I: Small Business Planning	3
MGT 322	Entrepreneurship II: Small Business Operations	3
TOTAL	12

EXERCISE & SPORTS STUDIES MINOR (17 credit hours)

The exercise and sports studies minor is designed to assist students in developing necessary knowledge, skills and abilities in the ever-growing field of health and fitness, as well as the burgeoning and ever-growing field of sport and competitive athletics. For students hoping to evolve his or her career in the allied health professions into that of sports and athletics, this program provides the fundamental dynamics of how sport impacts the individual and society, from primarily a biomedical approach, but also through a critical examination of the psychological and sociological dimensions of sport and physical activity.

Required courses:

ESS 101	Introduction to Exercise & Sports Studies.....	3
ESS 201	Principles of First Aid, Safety & Athletic Injury	3
ESS 301	Fitness Evaluation & Exercise Prescription.....	3
ESS 270	Exercise & Sports Studies Practicum.....	3
DTC 328	Nutrition for Fitness & Athletics	2
SOC 312	Sociology of Sport & Physical Activity	3
	OR	
ESS 410	Special Topics in Ex/Sports Studies.....	3
TOTAL	17

FINE ARTS MINOR (18 credit hours)

The fine arts minor is designed to provide an interdisciplinary approach to creative human expression for students interested in artistic performance, process, and inquiry. Students have flexibility in designing their course of study within the minor, and may choose to acquire either an in-depth understanding of a particular art—visual arts, dance, theatre, music—or a broader, critical awareness of the visual and performing arts.

Students wishing to earn an FA minor will submit a portfolio documenting their creative and/or critical activities at D'Youville College at the end of their program to a committee of three faculty members for evaluation. This personal archive will generally consist of written programs, lists of repertoire studied and performed, samples of creative and/or critical work, and other evidence of creative achievements, including participation in public performances and/or exhibitions, as part of study toward the minor. The portfolio will be integrated into PHI 423 Philosophy of Art.

Five courses (encompassing a minimum of 15 credits), two of which must be at the 300-400 level:

DAN 101 Introduction to Dance	3
DAN 210 Introduction to Ballet	3
DAN 300 Elements of Dance Composition.....	3
DAN 305 Dance Technique and Performance	3
FA 105 Introduction to Photography.....	3
FA 205 Drawing	3
FA 210 Design	3
FA 218 History of Western Art	3
FA 305 Painting	3
FA 314 Art of the Film	3
FA 320 History of Visual Arts in America	3
FA 327 Modern Art	3
FA 330 Frank Lloyd Wright and American Architecture	3
FA 380 Art: Special Topics.....	3
MUS 100 Appreciation of Music	3
MUS 103 Chorus	1
MUS 200 Appreciation of Music 2	3
MUS 209 Introduction to the American Musical Theatre.....	3
THE 104 Theatre Production	3
THE 202 Introduction to Acting	3
THE 444 Theatre as Outreach	3
ENG 213 Drama.....	3
ENG 302 Shakespeare	3

All FA minors are required to take the following course:

PHI 432 Philosophy of Art	3
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HEALTH SERVICES ADMINISTRATION MINOR

(15 credit hours)

This minor provides an opportunity for the development of specialized knowledge in the area of health services administration. A variety of students might seize this opportunity—e.g., nursing majors interested in administrative career tracks, sociology majors interested in doing graduate work in social and preventive medicine, business and/or management students interested in health services administration.

Required courses:

MGT 305 Principles of Management.....	3
MGT 435 Health Care Management	3
HRM 309 Human Resource Management.....	3

Two of the following:

HS 220 Community Health	3
HS 406 Information Technology in Health Care.....	3
HS 410 Health Care Law.....	3

HISTORY MINOR (15 credit hours)

This minor requires any two courses at the 100 or 200 level including the required course for the core (6 credit hours). An additional three courses at the 300-400 level (9 credit hours) is also required.

INFORMATION TECHNOLOGY MINOR

(16 credit hours)

A minor in information technology would serve students majoring in other fields, like education or business, who want to combine their degree with more advanced skills in computer technology.

Required courses:

IT 101 Introduction to Information Technology.....	1
IT 111 Java Programming I.....	3

Four of the following:

IT 112 Java Programming II.....	3
IT 231 Computer Organization & Architecture.....	4
IT 304 Object Oriented Programming.....	3
IT 323 Database Design & Development.....	3
IT 331 Internet Working & Communication.....	3
IT 338 Modern Operating System.....	3

OR Any I.T. professional elective

MANAGEMENT MINOR (15 credit-hours)

The management minor provides a foundation in management skills—a “plus” for career advancement. Management skills are extremely useful in any interpersonal job or in a job with advancement potential based on management ability. Many jobs, such as administrative assistant and social worker, require skills in management. Not only does this minor aid in career advancement, but it also provides a broader background for admission to graduate programs in different management areas.

Required courses:

MGT 305	Principles of Management.....	3
MKT 304	Principles of Marketing.....	3

Three courses from the areas of: Management/Marketing/Human Resource Management

MATHEMATICS MINOR (18 credit hours)

This minor is available to students who wish to feature a mathematical foundation on their resumes. The requirements for the minor are 18 credits of mathematics courses: Calculus I, Calculus II, Calculus III, (MAT 125, MAT 126 and MAT 202) and two other mathematics courses which are acceptable for credit in the mathematics major.

NATURAL SCIENCES MINOR (21 credit hours)

Although any D'Youville student not seeking a degree in biology can achieve this minor, it could easily be used by interdisciplinary studies (pre-elementary education) students to highlight their interest in the sciences since they already currently take 18 of these credits. The minor requires 21 hours, including at least one physics, one chemistry, one biology and three laboratory courses, chosen from this list. Additional courses may be applied with departmental approval.

Courses list:

BIO 101	Introductory Biology I.....	4
BIO 102	Introductory Biology II.....	4
BIO 105	Human Biology	4
OR		
BIO 107	Human Anatomy and Physiology I.....	4
BIO 108	Human Anatomy and Physiology II.....	4
BIO 210	Modern Topics in Biology.....	3
BIO 215/215L	Environmental Science with or without lab	3-4
BIO 223	Evolution and Human Heredity.....	3
CHE 101/101L	General Chemistry I with Lab.....	4
CHE 102/102L	General Chemistry II with Lab.....	4
CHE 142	Molecules with Lab.....	4
PHY 101/101L	General Physics I with Lab.....	4
OR		
PHY 111/111L	Introduction to Physics I with Lab.....	4
PHY 102/102L	General Physics II with Lab.....	4
OR		
PHY 112/112L	Introduction to Physics II with Lab.....	4
PHY 142/142L	Astronomy with or without lab.....	3-4
PHY 151	Physics for Poets.....	3

NUTRITION MINOR (12 credit hours)

This minor provides an opportunity for the student to develop proficiency in the highly popular field of nutrition. Intended for students of all majors, this minor can be used for personal or professional development. Health care professions majors will find this minor particularly beneficial as the health care field continues its focus on an integrated approach to treating the whole person.

Required courses:

DTC 306	Principles of Nutrition	
OR		
NTR 325	Nutrition and Health	3
DTC 210	Cultural Foods	2
DTC 327	Nutrition Throughout the Lifecycle	3
DTC 328	Nutrition for Fitness and Athletic Performance	2
DTC 425	Diet Therapy	2

PHILOSOPHY MINOR (15 credit hours)

The minor in philosophy requires a total of five courses for 15 credit hours. It is designed to provide an acquaintance with critical analysis and an appreciation for the philosophical foundation of other disciplines.

The courses selected for the minor are regularly available so that there is ample opportunity for students to complete the required number of hours. Advisors should be made aware of a student's interest in declaring a minor.

Required courses:

PHI 201	Ethics in Theory and Action.....	3
PHI 204	Logic and Practical Reasoning.....	3
Two 300-level courses		
One 400-level course		

PRE-LAW MINOR (15 credit hours)

To provide the pre-law student with a range of courses that introduce legal thinking, acquaint the student with areas where a law background is often used, and prepare the student for successful entry into and completion of law school.

Required courses:

ECO 201	Principles of Economics-Macro.....	3
PSC 201	American Government & Economics.....	3
PHI 204	Logic-LSAT Preparation Course (NC).....	3

One of each of the following groups:

MGT 305	Principles of Management.....	3
OR		

ACC 211	Principles of Accounting.....	3
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LAW 303	Business Law I.....	3
OR		

LAW 304	Business Law II.....	3
OR		

HIS 330	History of Constitutional Law.....	3
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Some of the above courses will be designated as writing intensive. The pre-law minor is expected to take four writing intensive courses, from the above or in the general curriculum. The minor also includes a LSAT (Legal Scholastic Aptitude Test) preparation course offered through continuing education. Students would have pre-law advisor with access to information on law schools and the LSAT examination.

PSYCHOLOGY MINOR (15 credit hours)

The psychology minor is designed to enhance a student's academic experience and to provide background for those planning to pursue careers in any field that involves dealing with people. Students wishing to minor in psychology must complete 15 credits. Students are required to complete PSY 101; two of the following courses: PSY 202, 203, 204, 205, 206; and two additional psychology electives at any level.

Required courses:

PSY 101	General Psychology.....	3
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Two of the following:

PSY 202	Research Methods in the Behavioral Sciences	3
PSY 203	Developmental Psychology.....	3
PSY 204	Physiological Psychology.....	3
PSY 205	Social Psychology (also see SOC 205).....	3
PSY 206	Abnormal Psychology.....	3

Two additional courses at any level (see course listings in psychology)

SOCIOLOGY MINOR (15 credit-hours)

The minor in sociology is designed for students who are interested in gaining a greater understanding of social and cultural organization and patterns of human interaction. It is open to students in any field other than sociology.

Required courses:

SOC 101	Principles of Sociology	3
OR		

SOC 102	Social Problems.....	3
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Additional courses:

Four additional sociology courses at any level, only two of which can be cross-listed with the student's major.

SPANISH (12 credit hours)

The minor in Spanish is designed to give students the opportunity to acquire an intermediate or higher level of proficiency. Student who begin Spanish at D'Youville will be required to take the first two years of Spanish. Students exempt from elementary courses (Spanish 101, 102) will be required to take more advanced courses at the 200-level.

Required courses:

- SPA 101-102 Spanish Level I and II
- SPA 201-202 Spanish Level III and IV

A. Students exempt from SPA 101 will take the following courses:

- SPA 102 Spanish Level II
- SPA 201-202 Spanish Level III and IV
- SPA 211 Conversation & Composition

B. Students exempt from SPA 101-102 will take the following courses:

- SPA 201-202 Spanish Level III and IV
- SPA 211 Conversation & Composition **AND**
- any 200 or higher-level course taught in Spanish.

SPANISH FOR HEALTH PROFESSIONS (12 credit hours)

Several major fields of study are enhanced by a minor in second language professional studies. Nursing, social work and business fields have a need for professionals who are able to communicate in Spanish. A minor in Spanish for the Health Professions makes a graduate more employable in many areas of the country where Spanish is spoken by a significant number of persons. This minor will provide not only linguistic competence but an understanding of sociocultural aspects of these ethnic groups which is essential to a professional's ability to work with Spanish-speaking persons.

A. Students not exempt from SPA 101-102 will take the following courses:

- SPA 101-102 Spanish Level I and II
- SPA 225-226 Spanish for Health Professions

B. Students exempt from SPA 101 will take the following courses:

- SPA 102 Spanish Level II
- SPA 225-226 Spanish for Health Professions
- SPA 211 Conversation & Composition

C. Students exempt from SPA 101-102 will take the following courses:

- SPA 225-226 Spanish for Health Professions
- SPA 211 Conversation & Composition

AND

any 200 or higher-level course taught in Spanish.

WRITTEN COMMUNICATION MINOR (12 credit-hours)

Skills in written communication are a plus for entering and advancing in most careers. Social agencies, medical facilities and school systems need people with writing ability. In addition, skills in technical writing are in demand in science, industry and other fields which need preparation of reports, grant proposals, manuals, etc. As a supplement to a professional degree program or as a means to add further marketable skills to a traditional liberal arts major, the minor in written communication can be a useful asset to a student's academic career.

Required courses:**Three writing courses selected from:**

ENG 231	Advanced Writing I.....	3
ENG 232	Creative Writing I.....	3
ENG 233	Journalism.....	3
ENG 234	Technical Writing I.....	3
ENG 235	Public Relations Writing.....	3

One of the following:

MGT 304	Communication in Organizations.....	3
ENG 331	Advanced Composition II.....	3
ENG 332	Creative Writing II.....	3
ENG 334	Technical Writing I.....	3
ENG 432	Creative Writing III.....	3
FA 105	Introduction to Photography.....	3
FA 205	Drawing.....	3
SPE 201	Speech.....	3
ENG	English Literature Course.....	3

NURSING

**DEGREES: B.S.N., B.S.N./M.S., A.D.-R.N./B.S.N.,
 COMBINED B.S.N./M.S. PROGRAMS FOR R.N.s**

Programs offered in the department of nursing include:

- a four-year bachelor of science in nursing program
- a combined five-year bachelor of science and master of science in nursing
- a bachelor of science in nursing completion program for registered nurses
- a combined bachelor of science and master of science in community health nursing for registered nurses
- a combined bachelor of science and master of science in nursing for registered nurses with a choice of clinical focus
- a combined bachelor of science and master of science in nursing in family nurse practitioner

All programs are registered by the New York State Education Department and accredited by the Commission on Collegiate Nursing Education (CCNE). Clinical affiliations are conducted with a majority of the health care institutions in Western New York.

BACHELOR OF SCIENCE IN NURSING—B.S.N.

This four-year bachelor of science in nursing program prepares graduates for the NCLEX Professional Nursing Licensing Examination. A minimum of 131 credits in nursing is required for the B.S.N. degree. The community-based curriculum focuses on the knowledge and skills needed for the 21st century. Six credits of undergraduate management courses are required for management preparation. The clinical experience emphasizes collaboration and partnerships with clients, health care professionals, and agencies. Clinical nursing courses begin in the second year while students are completing the prerequisite science courses and core liberal arts courses. The strong clinical preparation is acquired through a variety of clinical experiences. Multiple options are available to link with the other graduate nursing programs.

FIVE-YEAR BACHELOR OF SCIENCE IN NURSING/MASTER OF SCIENCE IN NURSING—B.S.N./M.S.

This program enables students to complete both the B.S.N. and M.S. in nursing in a combined course of study. Upon completion of the baccalaureate component of the program, students are eligible to sit for the NCLEX licensing exam. Upon completion of the masters in nursing portion of the program, students receive a bachelor's/ master of science in nursing degree. This new program is shorter in length than the two programs of study if pursued separately—that is, the credit hours for three courses will be double counted for both the undergraduate and graduate components of the program. This program further allows the students at the master's level to customize their clinical focus and provides them flexibility in pursuing their own career goals.

COMPLETION PROGRAM FOR R.N.'s—A.D.-R.N. B.S.N.

This special curriculum for R.N.s is planned to meet the needs of students with an associate degree in nursing. R.N.s are advised on an individual basis and transcripts are evaluated for maximum transfer credits. A.D.N. graduates either transfer in or are exempted from up to 65 credits of course work. Some humanities courses may be met by CLEP exams (see credit by examination). R.N.s applying with an A.D. can complete this program in two years of full-time study. Course schedules are flexible when possible for day or evening, full- or part-time study. A minimum of 131 credits is required for B.S.N. completion. In the process, three credits can be earned toward the nursing master's degree. A 50 percent tuition savings is available for R.N. students. The office of admissions and financial aid must have all requested financial data to process the special tuition rate.

COMBINED B.S.N./M.S. PROGRAMS FOR R.N.'s *

The following programs are designed to allow licensed R.N.s to complete the B.S.N. and M.S. in a combined program of study. The combined programs can be completed in a shorter length of time than pursuing the B.S.N. and M.S. separately. That is, credit-hours for some courses will be double counted for both the undergraduate and graduate components of the program. Credits will vary with the program of choice. A 50 percent tuition savings is available for students for the undergraduate portion of the program. The three programs include the following:

R.N./B.S.N./M.S.—CHOICE OF CLINICAL FOCUS

This program allows the student to choose an area of clinical focus for the nine-credit capstone portion of the masters component. Graduate coursework can be completed in the all-day Friday program (all classes based on enrollment).

R.N./B.S.N./M.S.—COMMUNITY HEALTH NURSING

This program allows the student to complete a clinical nurse specialty program with eligibility for certification. Graduate coursework can be completed in the all-day Friday program (all classes based on enrollment).

R.N./B.S.N./M.S.—FAMILY NURSE PRACTITIONER

This program allows the student to complete the F.N.P. program with eligibility for certification. Graduate coursework can be completed in all-day Thursday or Friday classes (all classes based on enrollment).

** Refer to the graduate catalog for information on the graduate portion of the programs.*

ARTICULATION AGREEMENTS

D'Youville College has established articulation agreements with several associate degree in nursing programs in New York state and the Province of Ontario. Transfer credits are given for equivalent coursework completed in the above programs.

ADMISSIONS REQUIREMENTS**Basic Students in B.S.N. or B.S.N./M.S. Program*****FRESHMEN:****B.S.N./M.S. Program:**

- Combined SAT of at least 1000 (*Math and Verbal*) or 21 ACT score
- 85 percent high school average
- High school rank in the upper half of class
- No students will be admitted on a discretionary basis

B.S.N. Program:

- Combined SAT of at least 900 (*Math and Verbal*) or 19 ACT score
- 80 percent high school average
- Upper half of class
- May transfer into five-year B.S.N./M.S. if a 2.5 G.P.A. is attained after 24 credits
- May be admitted on a discretionary basis

TRANSFER:

- 2.5 G.P.A.

** Entry course requirements for admission are as follows: Successful completion of three years of high school science, including one year of high school biology and one year of high school chemistry or equivalent, and two years of high school math, other than business math.*

Basic students who have not taken a high school chemistry course will be accepted on the condition that they complete a college preparatory course in chemistry.

Transfer students from outside or within the college must meet these same requirements, or their equivalent, and have a cumulative G.P.A. of 2.5.

Transfer students who have failed two science courses will be reviewed on an individual basis regardless of G.P.A.

Transfer student who have been dismissed from other nursing programs are not eligible for admission.

Applicants holding other baccalaureate degrees at the time of admission are not required to meet the college core requirements. In order to register for 200-level nursing coursework, students must be formally accepted into the program.

ASSOCIATE DEGREE R.N. STUDENTS—B.S.N. OR B.S.N./M.S. PROGRAMS:

1. 2.5 G.P.A.; under 2.5, may be admitted on a discretionary basis to the B.S.N. program only.
2. Current R.N. license or eligible to write NCLEX exam. Clinical courses may not be taken until licensed.
3. Students accepted into the RN/BSN or RN/MSN program must be licensed after the first semester in the program. Students will not be permitted to register for the following semester without a current license.

DIPLOMA PREPARED**(HOSPITAL OR NON-HOSPITAL ASSOCIATE DEGREE)****B.S.N. or B.S.N./M.S. Programs:**

1. 2.5 G.P.A.; under 2.5, may be admitted on a discretionary basis to B.S.N. only.
2. Current R.N. license or eligible to write the NCLEX exam. Clinical courses may not be taken until licensed.
3. NUR 100 Introduction to Professional Nursing (three credits) replaced by NUR 609 Professional Role Development (three credits)
4. The NLN Mobility Profile II exam may be taken [twice] to receive credit for NUR 100, 230, 230L, 330, 330L, 333, 420, 420L (25 credits).

ACADEMIC REGULATIONS**DOUBLE COUNTED COURSES (may vary depending on program)**

A. Students pursuing one of the combined B.S.N./M.S. programs in nursing will take two graduate-level courses (*six credits*) instead of undergraduate courses on similar topics. The courses addressed in this policy are the following:

1. NUR 314 Nursing Research (three credits) replaced by GRA 601 Research Methodology (three credits).
2. MGT 435 Health Care Management (three credits) replaced by HSA 613 or HSA 615 Health Care Administration (three credits).

POLICY ON DOUBLE COUNTING

To qualify for the graduate-level courses rather than the undergraduate courses, the student must possess the following:

1. Be classified as a third- or fourth-year student
2. Demonstrate evidence of capability to succeed in a graduate-level program as shown by a cumulative undergraduate G.P.A. of at least 2.7.
3. Have completed an undergraduate course in applied statistics (MAT 123)
4. Have completed a computer science course (CSC 110)

B. Grade and G.P.A. Requirements:**1. Undergraduate Courses**

- a. To be in good standing in the BSN program, students must maintain a GPA and semester average of 2.5
- b. Maintain a minimum grade of C in all 100 to 400-level courses required in the major and for all other courses required for the major.

2. Graduate Courses

- a. To be in good standing, maintain a cumulative G.P.A. of at least 3.0 for all 500- and 600-level courses in the program.
- b. Maintain a minimum grade of B in all 500- to 600-level courses required in the major.
- c. No more than a total of two courses at the 500- to 600-level with grades lower than B (B-, C+, C) are applicable toward the degree. A grade of C- or lower is not applicable to the degree.

3. A student who takes an incomplete grade in a prerequisite to a required nursing course will not be permitted to begin the subsequent nursing course until the prerequisite course is completed with an acceptable grade.
4. A required course in which an unacceptable (U) or failing grade is earned must be repeated.

C. Progression Requirements:

1. A minimum grade of C is required for any course in the major. This includes BIO 107/L, BIO 108/L, CHE 114/L, BIO 208/L, BIO 307, NTR 325, PSY 206, MAT 123, MGT 305, MGT 435 or HRM 309 and all NUR courses.
2. Students who fail to obtain a grade of C in a required prerequisite course will not be permitted to enroll in major courses having a NUR or GRA prefix offered in subsequent semesters.
3. Students must achieve a G.P.A. of 2.5 to be admitted into NUR 330/ NUR 330L.
4. Students are permitted to repeat a course only once.
5. All course and thesis/project policies currently in existence regarding the graduate-level courses in the current M.S. in community health nursing, the M.S. in nurse practitioner and the M.S. in nursing programs will be followed for the graduate-level courses and thesis/project in the B.S.N./M.S. programs.
6. Students accepted into the RN/BS, RN/BS/MS program must be licensed after the first semester in the program. Students will not be permitted to register for the following semester without a current license.

D. Probationary Standing and Dismissal:*

1. Students who are not in good standing in the department (fail to meet the required G.P.A.), are placed on probation, limited to 12 credits and will remain on probation until they achieve the required G.P.A. and have a semester average of 2.5.
2. Failure to meet standards for two successive probation periods will result in dismissal from the program.
3. Students who have failed two science and/or nursing courses will be dismissed from the program regardless of G.P.A.
4. Students who fail to achieve a grade of at least C on a second attempt (i.e., when repeating a course required for the major) will be dismissed from the program.
5. While enrolled in 100- to 400-level courses, a student placed on probation must receive no less than a C in all courses, achieve a semester average and cumulative G.P.A. of 2.5 within the next two semesters (minimum of 15 credits).
6. During the 500- or 600-level courses, a student placed on probation must achieve a semester average of at least 3.0, and achieve a cumulative G.P.A. of at least 3.0 within the next two full-time semesters. Failure to meet the conditions of probation will result in dismissal from the program.

7. In order to assure safe standards for the delivery of patient care, the following would constitute immediate dismissal from nursing courses: a level of theoretical knowledge which interferes with appropriate judgment in the delivery of patient care; unsafe performance in the delivery of patient care appropriate to student's level.
8. Students may be dismissed from the program for any instance of unprofessional conduct.

* *Students admitted to the nursing program prior to fall 2008 should refer to the current undergraduate student handbook academic policies section for policies in effect at the time of admission to the nursing program.*

ACADEMIC REGULATIONS

NCLEX Preparation

1. Generic students must complete all steps of the educational resources program in conjunction with each of the required nursing courses in preparation for the NCLEX-RN exam. This includes, but is not limited to, all testing, remediation, workshops and self-study sessions. A testing fee will be charged to each student per semester.
2. Senior students are required to meet with the department chair in the spring semester to discuss their written plan for NCLEX-RN preparation.

E. Program Completion:

1. To complete the B.S.N. program, basic students must complete 131 credits. To complete the M.S.N., a graduate student must complete 36-39 credits. To complete the B.S.N./M.S. program, students must complete 153-158 credits.*
2. To complete the R.N.-B.S.N. program, students must complete 130 credits. To complete the R.N.-B.S.N./M.S. program, students must complete 160-164 credits.*
3. To complete the R.N.-B.S.N./M.S. in community health nursing, students must complete 171-177 credits.* To complete the RN BSN/MS in family nurse practitioner students must complete 169-173 credits.
4. A student, whether full- or part-time, must complete the B.S.N. program in a maximum of eight academic years or the B.S.N./M.S. program in a maximum of 10 academic years. Under exceptional circumstances, students requiring more time may appeal for an extension to either the student affairs committee or graduate policies committee as appropriate.

*Credits vary with the project or thesis option.

COURSE REQUIREMENTS

NURSING

NURSING DEGREE: B.S.N.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits</i>
NUR 100	Introduction to Professional Nursing.....	3
NUR 230/230L	Professional Nursing II/Clinical Lab	4
NUR 314	Nursing Research.....	3
NUR 330/330L	Professional Nursing III/Clinical Lab	9
NUR 333	Pharmacology.....	3
NUR 420/420L	Professional Nursing IV/Clinical Lab	8
NUR 430/430L	Professional Nursing V/Clinical Lab	9
NUR 450/450L	Professional Nursing VI/Clinical Lab	9

In other academic areas required for this major:

BIO 107/107L	Anatomy & Physiology I/Lab.....	4
BIO 108/108L	Anatomy & Physiology II/Lab.....	4
BIO 208/208L	Microbiology/Lab	4
BIO 307	Pathophysiology.....	3
CHE 114/114L	Applied Chemistry for the Health Sciences/Lab.....	4
NTR 325	Nutrition and Health.....	3
MAT 123	Introduction to Applied Statistics	4
MGT 305	Principles of Management.....	3
HRM 309	Principles of Human Resources Management OR	
MGT 435	Health Care Management.....	3
PSY 206	Abnormal Psychology	3

Major	48
Major requirements in other academic areas	35
Remaining core requirements	48
Total	131

F. Readmission:

1. A student who is dismissed from the nursing program because of academic difficulties may apply for readmission to the program after one year. To be considered, the student must show evidence of academic and/or personal growth.
2. Criteria necessary for readmission will be defined in the letter of dismissal.

G. Clinical Course Requirements

(Health/Immunization, CPR, Health Insurance, and Professional Liability):

1. All students enrolled in clinical nursing courses must have professional liability insurance. Students are automatically billed for this insurance when they register for a clinical course.
2. All students enrolled in clinical courses must have health insurance and be able to provide documentation of coverage prior to the start of the semester. Failure to do so will prohibit the student from going to the clinical agencies. College student health insurance is available for a nominal fee through the health center.
3. All students enrolled in clinical courses must have current health and immunization records on file in the health center and available to the health agencies used for student learning experiences. Students must have evidence of vaccinations for MMR, Chickenpox and Hepatitis B. Specific information regarding these and additional health requirements are in the undergraduate student handbook. Failure to comply with the health requirements will prohibit the student from going to the clinical agencies.
4. Current certification in adult and child CPR (Cardiopulmonary Resuscitation) is a requirement of all clinical courses starting with NUR 330.
5. Students are responsible for transportation and expenses to and from clinical sites. They may need access to a car for home visiting.
6. Any student enrolled in a clinical course who is absent from a clinical experience will be required to complete a make-up for the missed experience. Should it be determined by the instructor that a clinical experience will be required for the make-up assignment, the student is responsible for reimbursing the college for faculty cost prior to the scheduled make-up. The clinical grade will be withheld until payment and make-up are completed.

STUDENT CONDUCT

Students enrolled in the nursing program are expected to exhibit professional behavior, demonstrating responsible and mature conduct in both the academic and clinical environments. Unprofessional conduct will not be tolerated. Regardless of previous grades earned, unprofessional conduct may result in failure in and/or dismissal from the course and/or program. Disciplinary action will be at the discretion of the course and/or the department faculty. Policies specific to the department of nursing regarding grading, promotion, retention, dismissal and unprofessional conduct are available to students in the nursing student handbook.

NURSING

NURSING DEGREE: B.S.N./M.S.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>	<i>Credits</i>
NUR 100 Introduction to Professional Nursing	3
NUR 230/230L Professional Nursing II/Clinical Lab	4
NUR 330/330L Professional Nursing III/Clinical Lab	9
NUR 333 Pharmacology.....	3
NUR 420/420L Professional Nursing IV/Clinical Lab.....	8
NUR 430/430L Professional Nursing V/Clinical Lab	9
NUR 450/450L Professional Nursing VI/Clinical Lab.....	9
NUR 630 Professional Nursing VII.....	5
NUR 630L Clinical VII.....	4
DCNUR 609 Professional Role Development (NUR100).....	3
DCNUR 314 Nursing Research	*
TOTAL CREDITS IN MAJOR	54

In other academic areas required for this major:

BIO 107/107L Human Anatomy & Physiology I/Lab.....	4
BIO 108/108L Human Anatomy & Physiology II/Lab	4
*BIO 208/208L Microbiology/Lab	*
BIO 307 Pathophysiology.....	3
*CHE 114 Applied Chemistry for the Health Sciences I.....	*
CHE 114L Applied Chemistry for the Health Sciences II/Lab.....	0
NTR 325 Nutrition and Health.....	3
MAT 123 Introduction to Applied Statistics	1**
MGT 305 Principles of Management.....	3
DC/MGT 435 Health Care Management	0
PSY 206 Abnormal Psychology.....	3
TOTAL CREDITS OTHER THAN MAJOR.....	21

Courses (M.S.) in other areas required for this major:

GRA 600 Theory Development	*
DCGRA 601 Research Methodology (NUR 314).....	3*
GRA 610 Thesis Seminar	*
NUR 610 Project Seminar	*
GRA 629 Thesis Guidance.....	*
NUR 629 Project Advisement	*
DCHSA 613 Health Care Administration (MAT 435).....	3
PHI 600 Philosophical Methods.....	3
SOC 600 Social Epidemiology.....	3
TOTAL CREDITS (M.S.) OTHER THAN MAJOR.....	9
TOTAL CREDITS (B.S.N./M.S.) OTHER THAN MAJOR.....	33

Major..... 54

Other major requirement

B.S. and M.S. Core requirement and electives.....67-70

(Project vs Thesis Option) Total..... 153-158

NURSING

NURSING DEGREE: A.D.-R.N. B.S.N.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>	<i>Credits</i>
NUR 100+ Introduction to Professional Nursing.....	3
NUR 230/230L+ Professional Nursing II/Clinical Lab	4
NUR 314 Nursing Research.....	3
NUR 330/330L+ Professional Nursing III/Clinical Lab	9
NUR 333+ Pharmacology.....	3
NUR 420/420L+ Professional Nursing IV/Clinical Lab	8
NUR 440RN Professional Nursing V	6
NUR 440RNL Clinical V	1
NUR 460RN Professional Nursing VI.....	6
NUR 460RNL Clinical VI.....	1
NUR 609 Professional Role Development.....	3
TOTAL CREDITS MAJOR.....	47

In other academic areas required for this major:

BIO 107/107L+ Anatomy & Physiology I/Lab.....	4
BIO 108/108L+ Anatomy & Physiology II/Lab.....	4
BIO 208/208L+ Microbiology/Lab	*
BIO 307 Pathophysiology.....	3
CHE 114 Applied Chemistry for the Health Sciences I.....	*
CHE 114L Applied Chemistry for the Health Sciences II/Lab.....	*
NTR 325+ Nutrition and Health.....	3
MAT 123 Introduction to Applied Statistics	1**
MGT 305 Principles of Management.....	3
HRM 309 Principles of Human Resource Management OR	
MGT 435 Health Care Management.....	3
PSY 206+ Abnormal Psychology	3
TOTAL CREDITS OTHER THAN MAJOR.....	24

Major..... 47

Other major requirements..... 24

Core requirements and electives

Total..... 130

* Credits are already counted as college core requirements.

** Course was counted as a three-credit math requirement, but is a four-credit course.

+ Courses marked with a '+' will likely be transferred in, R.N.-A.D. students may transfer up to 65 credits with grades of C or better.

NURSING

NURSING DEGREE: AD-RN BSN/MS

COURSE REQUIREMENTS FOR THE MAJOR:

In the specific area of concentration:

	<i>Credits</i>
NUR 100+ Introduction to Professional Nursing.....	0
NUR 230/230L+ Professional Nursing II/Clinical Lab	4
NUR 330/330L+ Professional Nursing III.....	9
NUR 333+ Pharmacology.....	3
NUR 420/420L+ Professional Nursing IV/Clinical Lab	8
NUR 440RN Professional Nursing V	6
NUR 440RNL Clinical V	1
NUR 460RN Professional Nursing VI.....	6
NUR 460RNL Clinical VI.....	1
NUR 630 I&II Professional Nursing VII.....	5
NUR 630L I&II Clinical VII.....	4
DCNUR 314 Nursing Research	*
DCNUR 609 Professional Role Development (NUR100)	3
TOTAL CREDITS MAJOR.....	50

In other academic areas required for this major:

BIO 107/107L+ Anatomy & Physiology I/Lab.....	4
BIO 108/108L+ Anatomy & Physiology II/Lab	4
BIO 208/208L+ Microbiology/Lab.....	*
BIO 307+ Pathophysiology.....	3
CHE 114 Applied Chemistry for the Health Sciences I.....	*
CHE 114L Applied Chemistry for the Health Sciences II/Lab.....	0
NTR 325+ Nutrition and Health.....	3
MAT 123 Introduction to Applied Statistics	1**
MGT 305 Principles of Management.....	3
DC/MGT 435 Health Care Management.....	0
PSY 206+ Abnormal Psychology	3
TOTAL CREDITS OTHER THAN MAJOR.....	21

Courses (M.S.) in other areas required for this major:

GRA 600 Theory Development.....	*
DCGRA 601 Research Methodology (NUR 314).....	3*
GRA 610 Thesis Seminar.....	*
NUR 610 Project Seminar	*
GRA 629 Thesis Guidance.....	*
NUR 629 Project Advisement	*
DCHSA 613 Health Care Administration (MGT 435).....	3
PHI 600 Philosophical Methods.....	3
SOC 600 Social Epidemiology.....	3
TOTAL CREDITS (M.S.) OTHER THAN MAJOR.....	9
TOTAL CREDITS (B.S.N./M.S.) OTHER THAN MAJOR.....	30

<i>Major.....</i>	50
<i>Other major requirements.....</i>	30
<i>Core requirements.....</i>	67-70
<i>Total.....</i>	147-150

* Credits are already counted as college core requirements.

** Course was counted as three-credit math requirement, but is a four-credit course.

+ Courses marked with a "+" will likely be transferred in. R.N. students may transfer in up to 65 credits with grades of C or better. DC indicates courses double counted for both undergraduate and graduate credit.

NURSING
NURSING DEGREE: A.D.-R.N. B.S.N./M.S. in Community Health Nursing
COURSE REQUIREMENTS FOR THE MAJOR:*In the specific area of concentration*

	Credits	Functional Tracks (Choose One):	Credits
NUR 100+ Introduction to Professional Nursing.....	3	**Teaching	
NUR 230/230L+ Professional Nursing II/Clinical Lab.....	4	GRA 606 Curriculum Development.....	3
NUR 330/330L+ Professional Nursing III/Clinical Lab.....	9	GRA 607 Teaching Strategies.....	3
NUR 333+ Pharmacology.....	3	GRA 608 Teaching Practicum.....	3
NUR 420/420L+ Professional Nursing IV/Clinical Lab.....	8		
NUR 440RN Professional Nursing V.....	6	** Management	
NUR 440RNL Clinical V.....	1	HSA 615 Health Care Administration & Organization.....	3
NUR 460RN Professional Nursing VI.....	6	HSA 616 Human Resources Management in Health Care.....	3
NUR 460RNL Clinical VI.....	1	GRA 617 Financial Management of Health Care Systems.....	1
NUR 604 Community Health Nursing: Optimum Health and Episodic Health Restoration.....	3	GRA 618 Effective Planning in Health Care Services.....	1
NUR 605 Community Health Nursing: Continuous Health Restoration.....	3	GRA 619 Funding of Health Care Facilities.....	1
NUR 606 Clinical Practicum I.....	3	GRA 620 Management Internship in Health Care.....	3
NUR 607 Clinical Practicum II.....	3	High Risk Parents and Children	
NUR 608 Clinical Internship.....	2	NUR 611 Nursing Care of High Risk Parents and Children I: Primary Prevention.....	3
NUR 609 Professional Role Development.....	3	NUR 612 Nursing Care of High Risk Parents and Children II: Secondary and Tertiary Preventions.....	3
TOTAL CREDITS MAJOR.....	64	GRA 607 Teaching Strategies.....	3

In other academic areas required for this major:

BIO 107/107L+ Anatomy & Physiology I/Lab.....	4	Advanced Clinical Track	
BIO 108/108L+ Anatomy & Physiology II/Lab.....	4	NUR 631.....	3
BIO 208/208L+ Microbiology/Lab.....	*	NUR 631L.....	1
BIO 307+ Pathophysiology.....	3	NUR 632.....	3
CHE 114 Chemistry for the Health Sciences I.....	*	NUR 633.....	3
CHE 114L Chemistry for the Health Sciences II/Lab.....	0		
HRM 309 Principles of Human Resources Mgt.....	3	TOTAL CREDITS IN FUNCTIONAL TRACK.....	9-12
NTR 325+ Nutrition and Health.....	3	Major.....	64
MAT 123 Introduction to Applied Statistics.....	1**	Other major requirements.....	36
MGT 305 Principles of Management.....	3	B.S. and M.S. Core requirements.....	70
MGT 435 Health Care Management.....	3	Functional track requirements.....	9-12
PSY 206+ Abnormal Psychology.....	3	Total.....	179-182
TOTAL CREDITS OTHER THAN MAJOR.....	30		

Courses (MS) in other areas required for this major:

GRA 600 Theory Development.....	*
DC/GRA 601 Research Methodology (NUR 314).....	3
GRA 610 Thesis Seminar.....	*
NUR 610 Project Seminar.....	*
GRA 629 Thesis Guidance.....	*
NUR 629 Project Advisement.....	*
PHI 600 Philosophical Methods.....	3
SOC 600 Social Epidemiology.....	3
TOTAL CREDITS (MS) OTHER THAN MAJOR.....	6
TOTAL CREDITS (B.S.N./M.S.) OTHER THAN MAJOR.....	36

NURSING**NURSING DEGREE: A.D.-R.N. B.S.N./M.S. in Family Nurse Practitioner****COURSE REQUIREMENTS FOR THE MAJOR:*****In the specific area of concentration:***

	Credits
NUR 100+ Introduction to Professional Nursing.....	3
NUR 230/230L Professional Nursing II/Clinical Lab.....	4
NUR 330/330L Professional Nursing III/Clinical Lab.....	9
NUR 333+ Pharmacology.....	3
NUR 420/420L Professional Nursing IV/Clinical Lab.....	8
NUR 440RN Professional Nursing V.....	6
NUR 440RNL Clinical V.....	1
NUR 460RN Professional Nursing VI.....	6
NUR 460RNL Clinical VI.....	1
NUR 631 Advanced Health Assessment.....	3
NUR 631L Advanced Health Assessment Lab.....	1
NUR 632 Advanced Pharmacology.....	3
NUR 633 Advanced Physiology and Pathophysiology.....	3
NUR 634 Health Promotion & Primary Care for Children and Families.....	3
NUR 635 Health Promotion & Primary Care for Women and Families.....	3
NUR 637 Health Promotion & Primary Care for Adults.....	3
NUR 638 FNP Clinical Practice in Pediatrics.....	3
NUR 639 FNP Clinical Practice in Women.....	3
NUR 640 FNP Clinical Practice in Adult Health.....	5
TOTAL CREDITS MAJOR.....	71

In other academic areas required for this major:

BIO 107/107L+ Anatomy & Physiology I/Lab.....	4
BIO 108/108L+ Anatomy & Physiology II/Lab.....	4
BIO 208/208L+ Microbiology/Lab.....	*
BIO 307+ Pathophysiology.....	3
CHE 114 Applied Chemistry for the Health Sciences I.....	*
CHE 114L Applied Chemistry for the Health Sciences II/Lab.....	0
NTR 325+ Nutrition and Health.....	3
MAT 123 Introduction to Applied Statistics.....	1**
PSY 206+ Abnormal Psychology.....	3
TOTAL CREDITS OTHER THAN MAJOR.....	18

Courses (M.S.) in other areas required for this major:

GRA 600 Theory Development.....	*
DCGRA 601 Research Methodology (NUR 314).....	3*
GRA 610 Thesis Seminar.....	*
NUR 610 Project Seminar.....	*
GRA 629 Thesis Guidance.....	*
NUR 629 Project Advisement.....	*
DCHSA 613 Health Care Administration (MGT 435).....	3
TOTAL CREDITS (M.S.) OTHER THAN MAJOR.....	6
TOTAL CREDITS (B.S.N./M.S.) OTHER THAN MAJOR.....	27

Major.....	71
Other major requirements.....	38
Core requirements.....	60
Total.....	169

OCCUPATIONAL THERAPY

DEGREE: B.S. in Human Occupation/M.S. in Occupational Therapy

The educational experience is a five-year entry-level masters program with direct admission at the freshman level. Both the bachelor's of science and master of science degrees are conferred at the end of the fifth year. In addition, each student is required to fulfill the requirements for a structured minor offered in the college.

Throughout the curriculum, studies of the arts, humanities, and sciences are combined with professional studies of occupational therapy. This combination is essential to promote the knowledge, skills and attitudes necessary for occupational therapy practice.

Courses numbered at the 500-level and higher represent a combination of professional (undergraduate) and advanced (graduate) course material. Emphasis is placed on critical thinking and theoretical analysis of various assessments and intervention techniques throughout these courses.

Level I fieldwork experiences are included in the intervention courses, although many prior clinical visits will be made in several other courses.

The Level II fieldwork experience includes two three-month placements in clinics. Students are assigned to clinics located throughout the United States, Canada, and other countries, and are responsible for all travel and living arrangements while on clinical placements. Clinical assignments are based on availability, student preference and interests.

The occupational therapy program has been fully approved and registered by the New York State Education Department. In addition, the program has been accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. BOX 31220, Bethesda, MD, 20824-1220. The AOTA phone number is (301) 652-AOTA.

Once all requirements are completed, graduates are eligible to sit for the National Certification Examination for Occupational Therapists, administered by the National Board for the Certification of Occupational Therapists (NBCOT). A felony conviction may affect a student's ability to sit for the NBCOT certification exam. After successful completion of this exam, the individual is an occupational therapist, registered (OTR). Most states, including New York, require licensure in order to practice. State licenses are usually based on the results of the NBCOT certification exam, but must be applied for separately in each individual state.

ADMISSION REQUIREMENTS

The program accepts applicants for full-time study from the freshman year. Students are admitted directly into the program and do not have to reapply for admission to the upper division. Admission requirements reflect the structure of the program as a five-year bachelor of science and master of science degree program.

In order to be eligible for direct acceptance into this program, students must submit proof of the following criteria:

1. Combined SAT scores of at least 1000 (or ACT score of 21).
2. A high school average of at least 85 percent.
3. High school rank in the upper half of the class.

Students who do not meet these criteria are encouraged to apply to the Career Discovery Program and apply to O.T. after successfully completing two full-time semesters.

Although D'Youville does not mandate that letters of recommendation or a letter of intent to study a specific discipline be included with the application, students applying to O.T. are strongly advised to include these documents with their application.

Students must also demonstrate successful completion of the following high school courses: two years of math, one year of biology, and one year of chemistry. Physics is strongly recommended. Students who have not taken high school chemistry will be considered for admission with the understanding that a college preparatory chemistry course must be taken before beginning the curriculum. Students are strongly encouraged to gain competence in word processing before entering the program.

Approximately 40 students are admitted to the program in the freshman year. These students are selected from the pool of applicants on the basis of the above criteria. Late applications are processed on a space-available basis. Students who have been out of high school for more than five years need not submit SAT scores. Selection is based on high school average and class rank.

Transfer students are accepted on a competitive, space-available basis in either the second or third year of the B.S./M.S. program (see requirements below). A minimum G.P.A. of 2.5 (on a 4.0 scale) is required to apply. Point of entry depends on the number of transfer credits accepted by the registrar, including major course requirements.

Transfer students may enter the second year of the program in the fall.

Transfer students who wish to enter the third year of the program must begin in summer and meet the anatomy and physiology requirement listed below (#1), as well as the psychology requirements (#2 and #3).

1. Transfer Human Anatomy and Physiology I and II with labs or six - eight credits of a combination of other biology courses that focus on anatomy and physiology such as: Comparative Primate Anatomy; Comparative Mammalian Anatomy and Physiology; Human Anatomy and Physiology; Anatomy and Physiology I and II or their equivalents at least one of which is a lab course as determined by the registrar and the department.
2. Transfer General or Developmental Psychology.
3. Transfer Abnormal Psychology.

In order to register for any O.T. courses, students must have been formally accepted into the program.

ACADEMIC REGULATIONS

Academic regulations for occupational therapy are in addition to general college policies for all part-time and full-time students. Further clarifications may be found in the O.T. student manual. O.T. students should refer to this manual for more definitive regulations. Full-time and part-time students must meet all the academic regulations listed below.

A. Grade and G.P.A. requirements:*

1. To be in good standing while enrolled in undergraduate courses (100- to 400- level) a student must:
 - a. Maintain semester and cumulative averages of a minimum of 2.5.
 - b. Maintain a minimum grade of "C" in all 100- to 300- level courses required in the major and for all other undergraduate course requirements for the major.
 - c. Maintain a minimum grade of "B" in all credit-bearing 400-level OT courses. Students receiving a "B-", "C+" or a "C" in these courses will be placed on academic probation.
 - d. A grade of "C-" or lower in any course required for the major is not applicable to the B.S. in human occupation/M.S. in occupational therapy degree.
2. To be in good standing while enrolled in graduate courses (500-& 600- level), a student must achieve the following:
 - a. Maintain a minimum semester and cumulative average of at least 3.0.
 - b. Maintain a minimum grade of "B" in all graduate-level work.
 - c. Have no more than a total of 2 courses (6 credits) of grades lower than B (B-, C+, C) applicable to the B.S./M.S. degree. This policy applies to all 500- and 600- level courses. A grade of C- or lower is not applicable to the O.T. degree. Students who receive a second consecutive grade of "U" in GRA 629 or OT 622 will be dismissed from the program.

*At various points in the curriculum, students may be enrolled in undergraduate and graduate courses concurrently. The grade report distinguishes between undergraduate and graduate semester and cumulative averages.

B. Probationary standing

1. Students who are not in good standing in the department are placed on probation where they will remain until they meet the conditions of probation for two full-time semesters.
2. A dismissed student who appeals dismissal and is reinstated will be on probation for the remainder of the program.
3. A previously dismissed student who re-applies and is re-accepted will be on probation for the remainder of the program.

C. Dismissal

While on probation, failure to meet the following conditions will result in dismissal from the program:

1. A student placed on probation must receive no less than a "C" in all courses at the 100- to 400- level, achieve a semester average of at least 2.5, and achieve a cumulative average of at least 2.5 within the next two full-time semesters; and receive no less than "B" in all courses at the 500- and 600- level, achieve a semester average of at least 3.0, and a cumulative average of at least 3.0 within the next two full-time semesters.
2. Probationary students on a decelerated or part-time schedule must continue to meet all conditions of probation while on a part-time schedule and will remain on probation until completion of their next two full-time semesters.
3. Failure to meet the conditions of probation will result in dismissal from the program.
4. Within one year of dismissal, a student may reapply if he/she meets the criteria outlined for a student in good standing (see academic regulations). They may also be required to meet individualized criteria outlined during the dismissal meeting. If a student is dismissed from the program a second time, he/she cannot appeal that dismissal nor reapply to the program.

D. Students must have the permission of the instructor before registering for Level II fieldwork courses (OT 640, OT 641). In order to obtain this permission, students must demonstrate the ability to meet academic and professional standards of the program and participate in faculty interviews in the third and fourth years of study.

E. Students who receive a U in a Level II fieldwork course or who voluntarily withdraw from the course must receive approval from the faculty in the major before repeating the course. Students will not be allowed to repeat more than one Level II fieldwork course.

Occupational therapy students may be required to sign up for occupational therapy courses at the departmental level in prearranged blocks. In these cases, the block selected by the student is the official registration.

Occupational therapy courses are described following the curriculum sequence. It should be noted that a student's curriculum sequence may vary based on point of entry, transfer credits, and individual circumstances. Each student will meet with a faculty advisor who will work with the student to develop his/her curriculum plan. The following sequence is based on typical entry into the first year of the program. Refer to the graduate section of this catalog for descriptions of GRA prefix courses.

Policy for completion of occupational therapy program in a timely manner

Full- and part-time students in the occupational therapy (O.T.) programs must complete all academic requirements within three semesters or one 12-month calendar year following successful completion of both OT 640 and OT 641, Clinical Fieldwork I and II. This includes the semester following level II clinical fieldwork, when students return to campus to complete Professional Issues, Community Practice and either thesis or research project courses and two additional semesters. In addition to other academic requirements, clinical level II fieldwork must be successfully completed with a 12-month period of completion of all other coursework or repetition of academic courses may be required.

A student who does not complete clinical fieldwork level II within the required 12-month period may need to repeat one or more of the following courses:

- Child and Adolescent Intervention
- Adult and Geriatric Intervention
- OT Methods of Evaluation and Documentation I and II

Students who do not complete their program within the time frame specified in this policy must petition for an extension of the time limit by submitting a completed **request for extension of time to complete the master of science program** form, available in the graduate studies office. The form will be completed by the student and forwarded to the chair of occupational therapy, who will sign and forward this to the graduate studies office on the student's behalf. Further steps to this procedure are in the graduate catalog under **extension to complete graduate degree**.

CURRICULUM SEQUENCE

First Year FALL	15
OT 101 OT Theory I.....	2
ENG 111 English Communication.....	3
BIO 107 Human Anatomy & Physiology I.....	4
SOC 101 Principles of Sociology.....	3
OR	
SOC 102 Social Problems.....	3
PSY 101 General Psychology.....	3
First Year SPRING	15
ENG 112 English Communication II.....	3
CSC 110 Computers and Computing.....	3
BIO 108 Anatomy & Physiology II.....	4
OT 215 OT Delivery Systems.....	2
HUM.....	3
Second Year FALL	15
OT 106 Occupational Development I.....	4
OT 109 Medical & Social Conditions I.....	2
OT 214 Interpersonal Skills.....	2
PSY 206 Abnormal Psychology.....	3
MINOR.....	3
OR	
* RSC 203 (recommended, but not required).....	1
Second Year SPRING	17
OT 212 Occupational Development II.....	4
OT 210 Medical & Social Conditions II.....	2
OT 217 Group Process.....	2
PHI 201 Ethics.....	3
RS 201 Religious and Social Responsibility.....	3
MINOR.....	3
HUM.....	3
Third Year FALL	14
OT 319 Functional Anatomy.....	5
OT 321 Fieldwork Seminar I.....	0
MAT 123 Applied Statistics.....	4
OT 524 Research Seminar.....	2
HIS.....	3
Third Year SPRING	17
OT 320 Neuroscience for Rehab.....	5
GRA 600 Theory Development.....	3
HUM.....	3
PSC/ECO.....	3
FE.....	3

COURSE REQUIREMENTS

OCCUPATIONAL THERAPY

DEGREE: B.S./M.S.

Fourth Year FALL..... 17

OT 425 OT Theory II.....2

OT 427 Evaluation & Documentation I.....2

OT 429 Child & Adolescent Intervention.....4

MINOR3

GRA 601 Research Methods.....3

FE Free Elective3

Fourth Year SPRING..... 17

OT 432 Fieldwork Level II.....0

OT 433 Evaluation & Documentation II2

OT 434 Adult & Geriatric Intervention.....4

OT 635 OT Theory III2

GRA 610 Thesis Seminar3

OR

OT 621 Project Seminar I3

HUM Humanities3

FE Free Elective.....3

Fourth Year SUMMER..... 4

OT 640 Fieldwork Seminar II4

Fifth Year FALL 7-8

OT 641 Fieldwork Level II4

OT 643 INT Management of OT Services.....3

GRA 629 Thesis Advisement.....1

Fifth Year SPRING..... 12-14

OT 689 Professional Issues.....2

OT 690 Community Practice.....1-3

OT 622 Project Seminar II.....3

OR

GRA 629 Thesis Advisement3

MINOR3

HUM Humanities.....3

* Subject to changes in New York State Education Department and/ or American Occupational Therapy Association requirements.

** Courses and credits determined by host department.

*** OT 621 and 622 may be substituted if the student chooses to do a project rather than a thesis.

COURSE REQUIREMENTS FOR THE MAJOR*

In the specific area of concentration:

	Credits
OT 101 OT Process & Theoretical Foundations I.....	2
OT 106 Occupational Development I.....	4
OT 109 Medical & Social Conditions I.....	2
OT 210 Medical & Social Conditions II.....	2
OT 212 Occupational Development II.....	4
OT 214 Interpersonal Skills.....	2
OT 215 OT Delivery Systems.....	2
OT 217 Group Process.....	2
OT 319 Functional Anatomy.....	5
OT 320 Neuroscience for Rehabilitation.....	5
OT 321 Fieldwork Seminar I.....	0
OT 425 OT Process & Theoretical Foundations II.....	2
OT 427 Methods of Evaluation & Documentation I.....	2
OT 429 Child & Adolescent Intervention.....	4
OT 432 Fieldwork Seminar II.....	0
OT 433 Methods of Evaluation & Documentation II.....	2
OT 434 Adult & Geriatric Intervention.....	4
OT 524 Research Seminar.....	2
OT 621 Project Seminar I.....	3
OT 622 Project Seminar II.....	3
OT 635 OT Process & Theoretical Foundations III.....	2
OT 640 Clinical Fieldwork I.....	4
OT 641 Clinical Fieldwork II.....	4
OT 643 Management of OT Services.....	3
OT 689 Professional Issues.....	2
OT 690 Community Practice.....	1-3

In other academic areas required for this major:

PSY 101 General Psychology.....	3
BIO 107/107L Human Anatomy and Physiology/Lab.....	4
BIO 108/108L Human Anatomy and Physiology/Lab.....	4
MAT 123 Introduction to Applied Statistics.....	4
PSY 206 Abnormal Psychology.....	3
— — Structured Minor**.....	12[min]
GRA 600 Theory Development.....	3
GRA 601 Research Methodology and Design.....	3
GRA 610*** Thesis Seminar.....	3
GRA 629*** Thesis Advisement.....	4
GRA 630 Advanced Statistical Methods in Applied Research (elective).....	3

Undergraduate major requirements.....	74
Core requirements.....	45
Graduate major requirements.....	30-33
Total.....	149-152

PHILOSOPHY

DEGREE: B.A.

The philosophy program leads to the bachelor of arts degree in philosophy. Of the 33 credit hours in philosophy required for the major, six serve as the basic core: PHI 201, 204, 280, 305, 310, 450 or 600. Twelve additional credit hours in philosophy must be taken, along with four support courses in a related field (e.g., business, accounting, management, computer science or any other area which supports a student's goals). A student may develop the philosophy major by completing 12 hours beyond the basic philosophy core. The 12 hours must include two courses at the 300 level and two courses at the 400 level. A minimum three credit hour internship is also required.

ADMISSION REQUIREMENTS

FRESHMAN ADMISSION

Applicants must meet the following three criteria:

1. Combined SAT scores of at least 900 (or ACT equivalent score of 18)
2. A high school average of at least 80 percent
3. A high school rank in the upper one half of the class

TRANSFER ADMISSION

Students must have a minimum G.P.A. of 2.33. Transfer credits will be determined on a case-by-case basis to assess adaptability to curriculum requirements.

Each student accepted into the program must submit a letter of intent prior to course registration.

PHILOSOPHY MINOR

Students may take a philosophy focus majoring in another subject by completing 15 credit hours in philosophy. This set of philosophical courses requires registration in PHI 201 and 204 with the remaining nine credits coming from any two 300-level and one 400-level philosophy course.

Students within the program must maintain a minimum G.P.A. of 2.0 in philosophy courses taken at D'Youville. Courses are available during a two-year cycle unless noted otherwise.

COURSE REQUIREMENTS

PHILOSOPHY

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits</i>
PHI 201	Ethics in Theory and Action.....	3
PHI 204	Logic and Practical Reasoning	3
PHI 280	Western Ancient Philosophy	3
PHI 305	History of Modern Philosophy I.....	3
PHI 310	History of Modern Philosophy II	3
PHI 450	Senior Research OR	
*PHI 600	Philosophical Methods.....	3
PHI	Philosophy electives	12
	<i>(at least two courses at the 300 level and two at the 400 level)</i>	
	Internship.....	3-12

In other academic areas required for the major:

Four courses in related field of study..... 12

<i>Major</i>	<i>45</i>
<i>Core requirements and electives</i>	<i>75</i>
<i>Total</i>	<i>120</i>

* Undergraduate credit only will be awarded.

PHYSICAL THERAPY

D.P.T. TWO DEGREE: SIX-YEAR B.S. + D.P.T.

The physical therapy department offers a choice of pathways for freshmen acceptance into the sequential-degree entry-level physical therapy program.

- B.S. in biology + D.P.T. program offered through the math and natural sciences department
- B.S. in exercise and sports studies + D.P.T. program offered through the exercise and sports studies department
- B.S. in health services + D.P.T. program offered through the health services administration department

In this sequential-degree entry-level P.T. program, entering freshmen matriculate in and complete their B.S. degree through the respective departments. Upon completion of the B.S. degree, qualified graduate students then move directly into the three-year doctor of physical therapy (D.P.T.) program.

The student will graduate with an entry-level doctor of physical therapy (D.P.T.) degree. The three-year graduate program is fully accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE) of the American Physical Therapy Association, [Commission Accreditation in Physical Therapy Education, 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703.716.3245; e-mail: accreditation@apta.org; Web site: www.capteonline.org] and is registered with the New York State Education Department (NYSED).

STUDENT RESPONSIBILITIES

The physical therapy program is a demanding program in coursework, time commitment and financial obligations. Students enrolled in the professional program must complete three full-time summer sessions in addition to the six full semesters of coursework in the three-year doctoral program. Clinical fieldwork, which is scheduled throughout the curriculum, may require an additional expense for travel and room and board. Physical therapy students also incur an additional expense for laboratory fees and completing the thesis or clinically applied project. Successful defense of the thesis or project and successful performance on a comprehensive exam are required for graduation from this program. A few students in the physical therapy program may seek employment as work-study students on campus. Due to the time commitment to the program, part-time off-campus work during the program is not recommended.

ADMISSION REQUIREMENTS

Undergraduate Acceptance:

Applied freshmen or undergraduate transfer students are accepted into any of the sequential-degree programs followed by completion of the graduate D.P.T. program by meeting the following admission criteria:

1. Combined SAT scores of at least 1000 (**Math and Verbal**) or composite ACT score of 21
2. High school average of at least 85 percent or 2.85 on a four-point scale
3. Standing in the upper half of the graduating class
4. Successful completion of two years of high school math, one year of biology, and one year of chemistry; physics is strongly recommended

Additional admission requirements applicable in order to matriculate into the graduate, entry-level D.P.T. program

1. Conferral of B.S. degree by August
2. Completion of program specific undergraduate prerequisite courses with a grade of C or better with a minimum cumulative G.P.A. of 3.0:
 - Anatomy & Physiology I and II
 - Chemistry I and II
 - Physics I and II
 - Introduction to Psychology
 - Developmental Psychology
 - Introduction to Sociology or Anthropology
 - Introduction to Applied Statistics
 - Medical Terminology
3. Students must show evidence of the completion of 60 or more hours of work with a vulnerable population (e.g., children, individuals who are socio/economically disadvantaged, clinical populations, individuals with disabilities).
4. Two letters of recommendation addressing leadership potential and ability to work with others must accompany the application.
5. Students must have a willingness to conform to published college and program policies.

DISCRETIONARY ADMISSION REQUIREMENT

Those applicants who do not meet the first four requirements for admission, may be considered for discretionary admission contingent upon their eligibility into the undergraduate program within that department. During the first year of study (two full-time semesters), the students must successfully complete a full-time schedule with grades of C or better and a cumulative GPA of at least 2.5 in order to matriculate into the sequential-degree program path in physical therapy.

TECHNICAL STANDARDS

Because of the number of essential psychomotor competencies and level of communication and clinical decision-making requirements of clinical fieldwork, the following technical standards are applied to all applicants:

- A student must be able to move over a community-level, three-city-block area with or without accommodation of ambulation or mobility aid.
- From a seated position, the student must have the ability to lift a ten pound block a vertical height of 16 inches and replace it with precision to its initial resting position without accommodation.
- Students must possess the ability to turn over five small disks equivalent to the size of five quarters with hand precision and efficiency without vision of the disks and without accommodation.
- Students must be able to orally communicate a grammatically correct and cogent interpretation of a common proverb within a time period of three minutes. Interpretation should describe the general meaning of the proverb rather than the literal meaning.
- Students should be able to fluently and sequentially describe and efficiently demonstrate the motor planning required to perform a familiar task such as tying one's shoe or wrapping a package.

The physical therapy department seeks to provide equal access to its educational offerings and program-sponsored events for individuals with disabilities. Reasonable prior notice is needed to arrange accommodations. Students and event participants are required to self identify their needs to the director of disability services.

CLASSIFICATION OF STUDENTS

Undergraduate students receiving an early admission guarantee into the physical therapy major are classified by their undergraduate major of choice while completing the bachelor's degree.

STUDENT CONDUCT

Students enrolled in the D'Youville College physical therapy program are expected to demonstrate high standards of personal behavior and professional conduct in the academic and clinical environments. Throughout progress through the curriculum, students are assessed on their student conduct related to a set of generic abilities adopted by the profession. Areas of generic professional behaviors include interpersonal communication, problem-solving skills and responsibility. Personal integrity is considered an essential of practice, as such, this program has a policy of zero tolerance for academic dishonesty.

The program student progress committee will review any student with documented areas of conduct deficiency. Actions related to improper student conduct may include a committee request for a student-initiated contract of conduct remediation, program probation or dismissal from the program. Failure to meet student conduct standards during a probationary period or a serious breach of student conduct standards will result in dismissal from the program.

COURSE REQUIREMENTS

PHYSICAL THERAPY

Undergraduate P.T. prerequisite courses:

	<i>Credits</i>
BIO 107/107L Human Anatomy and Physiology I /Lab.....	4
BIO 108/108L Human Anatomy and Physiology II/Lab.....	4
CHE 111 Chemistry for the Health Sciences I.....	3
CHE 112 Chemistry for the Health Sciences II.....	2
CHE 113L Chemistry for the Health Sciences Laboratory	1
MAT 123 Introduction to Applied Statistics.....	4
PHY 111/111L Introduction to Physics/Lab.....	4
PHY 112/112L Introduction to Physics/Lab.....	4
PSY 101 General Psychology.....	3
PSY 203 Developmental Psychology.....	3
RSC 203 Medical Terminology.....	1
SOC 101 Principles of Sociology.....	3

Sequential Degree: Six-Year B.S. + D.P.T.

COURSE REQUIREMENTS FOR THE PROFESSIONAL PHASE

In the specific area of concentration:

	<i>Credits</i>
BIO 639 Gross Anatomy.....	6
PT 500 Basic Skills I.....	3
PT 500L Basic Skills I Lab.....	1
PT 502 Pathophysiology for Physical Therapists.....	3
PT 503 Clinical Orientation Seminar I.....	0
PT 504 Clinical Orientation Seminar II.....	0
PT 505 Introduction to PT and Health Care Systems	2
PT 506 Exercise Physiology.....	2
PT 506L Exercise Physiology Lab.....	1
PT 508 Biomechanics and Functional Kinesiology for the Physical Therapist.....	3
PT 508L Biomechanics and Functional Kinesiology for the Physical Therapist Lab.....	2
PT 509 Life Span Development.....	2
PT 509L Life Span Development Lab.....	1
PT 510 Basic Skills II.....	3
PT 510L Basic Skills II Lab.....	1
PT 513 Patient/Client Management in Orthopedic Physical Therapy I.....	2
PT 513L Patient/Client Management in Orthopedic Physical Therapy I Lab.....	2
PT 515 Professional Development I.....	1
PT 547 Pharmacology for Rehabilitation Specialists.....	1
PT 550 Clinical Neuroscience.....	5

PT 552/552L/552S	Patient/Client Management in Cardiopulmonary Physical Therapy Lecture	2
	Lab/Seminar	1
PT 574	Clinical Fieldwork I	3
PT 602	Neurodevelopmental Physical Therapy in Pediatrics	2
PT 602L	Neurodevelopmental Physical Therapy in Pediatrics Lab	1
PT 603/603S	Critical Thinking and Critical Reasoning	3
PT 604	Clinical Orientation Seminar III	0
PT 606	Neuromuscular Assessment and Intervention in the Adult Population	2
PT 606L	Neuromuscular Assessment and Intervention in the Adult Population Lab	1
PT 612	Community Health and Wellness Through the Life Span	3
PT 613	Patient/Client Management in Orthopedic Physical Therapy II	2
PT 613L	Patient/Client Management in Orthopedic Physical Therapy II Lab	2
PT 615	Professional Development II	1
PT 618	Patient/Client Management in Rehabilitation Physical Therapy II	3
PT 618L	Patient/Client Management in Rehabilitation Physical Therapy II Lab	2
PT 621	Physical Therapy Project I Seminar	3
PT 622	Physical Therapy Project II Advisement	3
PT 623	Integration Seminar I	1
PT 648	Differential Diagnosis	3
PT 674	Clinical Fieldwork II	4
PT 675	Clinical Fieldwork III	4
PT 703	Client Education, Advocacy and Consultation	3
PT 704	Clinical Orientation Seminar IV	0
PT 710	Integration Seminar II	2
PT 720	Clinical Fieldwork IV	6

In other academic areas for this major:

GRA 601	Research Methodology and Design	3
HSA 613	Management in Health Care Organizations	3

NOTE: Course descriptions of graduate course requirements are published in the graduate catalog.

PHYSICIAN ASSISTANT

DEGREE: B.S./M.S.

COMBINED B.S./M.S. P.A. PROGRAM

The physician assistant program offers a combined B.S./M.S. degree program. All students admitted to the program are expected to complete at least the last three years of the curriculum through full-time studies at D'Youville College. Students who successfully complete all curriculum requirements will be awarded a B.S./M.S. in physician assistant, and will be eligible to sit for the Physician Assistant National Certification Examination, developed and administered by the National Commission on Certification of Physician Assistants.

The physician assistant program has been approved and registered by the New York State Education Department, and is accredited by the Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA).

Within the B.S./M.S. program, the first two years (Phase I) are devoted to the study of the arts, humanities and sciences, which satisfy general education core requirements of the college's baccalaureate degree and other prerequisite requirements specified by the program curriculum. The third year, beginning the professional phase of study (Phase II), prepares the student with a broad, comprehensive base in clinical medicine, pharmacology, physical diagnosis, clinical laboratory medicine, and preventive medicine. The professional phase also allows the student to develop the interpersonal skills, communication skills and critical thinking skills, which are essential to facilitate effective and empathetic relationships with patients and effective collaboration with other health care professionals. The fourth year of the curriculum allows the student to apply and refine his/her critical thinking and clinical skills while working under the guidance and supervision of clinical preceptors. Over the course of 38 weeks, students rotate through nine mandatory medical and surgical disciplines. During the fifth year (Phase III), students enroll in graduate-level applied research courses, advanced clinical science courses and advanced clinical rotations. The students also complete a research project during this year.

STUDENT RESPONSIBILITIES

The physician assistant program is a demanding program in course work, time commitment and financial obligations. Students enrolled in the B.S./M.S. program must complete four summer sessions in addition to the ten regular full-time semesters, for a total of 172-credit hours. Clinical rotations will require additional expenses for travel and room and board. All students are responsible for their own transportation to and from clinical rotations, and extended daily travel distances may be required. It is recommended that each student have a valid driver's license and his or her own vehicle. Due to the time commitment to the program, particularly in Phase II and III of the program, off-campus work is not recommended.

Students are required to be a member of the Student Physician Assistant Association.

ADMISSIONS CRITERIA B.S./M.S.

With regards to the 4-year B.S./M.S. track, traditional freshman students will be directly admitted into the freshman year, and transfer students may be admitted directly into the program curriculum at any point in Phase I of the curriculum. Class placement for transfer students will be dependent on successful completion of prerequisites and competitive availability spaces. Once accepted into the program, students are expected to complete all pre-professional requirements. The following courses must be taken at D'Youville College: BIO 303 Biochemistry, BIO 240 Human Gross Anatomy, and BIO 307 Pathophysiology. If a transfer student has satisfactorily completed these courses with an earned grade of B- or better at another institution within 18 months prior to program entry, the course content will be reviewed by the math and natural sciences faculty to determine transferability. Qualified applicants are determined, via written application materials and personal interview, on the basis of several criteria: ability to master the rigorous academic content of the program, verbal and written communication skills, emotional maturity, and understanding of and motivation to enter the profession. *All students (general and transfer) must show evidence of a minimum of 80 hours of direct patient care to be considered for admission.

MINIMUM ACADEMIC REQUIREMENTS

Traditional freshman students applying for admission to the 4-year B.S./M.S. program, must meet or exceed each of the following criteria:

- A combined SAT score of at least 1100
- Rank in at least the upper fourth of his/her graduating class
- A class average of at least 85 percent
- Three years of math, one year of chemistry and one year of biology. A grade of at least 83 percent must have been achieved in each course.

Transfer students applying to the B.S./M.S. must meet or exceed each of the following:

- A G.P.A. of at least a 3.0 on a 4.0 scale; 3.0 science G.P.A. preferred
- A grade of at least B- in all college science courses and other college courses required by the program;
- Students will be required to repeat science courses taken six or more years prior to acceptance into the program

PATIENT CARE EXPERIENCE

To be considered for an interview, all applicants must accrue and provide official documentation of at least 80 hours of direct patient care hours either through volunteer or employment activities. Applications without this documentation will not be considered for an interview.

All students are accepted on a competitive space-available basis, based upon the above criteria. Maximum enrollment in years three, four and five of the program is approximately 40 students.

Following review of the written application materials, a pool of applicants are selected to be interviewed by program faculty, physicians, alumni, students and practicing physician assistants. Not all applicants satisfying minimum academic requirements will be selected for an interview. Interviews are scheduled between November and January. In order to be considered for an early decision, all materials must be received by the office of admissions by November 1. Placements are made on a competitive, space-available basis. Incomplete applications will not be reviewed.

ACADEMIC REGULATIONS

The 4 -year B.S./M.S. curriculum is composed of three phases, which extend across five years. Phase I, the preprofessional phase, includes the first two years of study, which is comprised of the prerequisites and core curriculum. Phase II is the third and fourth year, which is the professional phase, and includes the didactic preparation for practice and clinical rotations. Phase III is the graduate level curriculum. Each phase of the program is considered a prerequisite to the next phase and must be satisfactorily completed prior to advancement.

In addition to general college policies and regulations, which apply to all students, academic regulations of the physician assistant program are applicable to both full- and part-time students. They include the following:

ACADEMIC REQUIREMENTS 4 ½-YEAR B.S.

STUDENT RESPONSIBILITIES:

1. The physician assistant program is a demanding program in course work, time, commitment and financial obligations. Students enrolled in the 4 -year B.S./M.S. program must complete four summer sessions in addition to the nine regular full-time semesters. Clinical rotations will require additional expenses for travel and room and board. Due to the time commitment to the program, particularly in Phase II and Phase III of the program, off-campus work is not recommended.
2. As noted above, the physician assistant program is composed of three distinct academic phases. Each phase of the program is considered a pre-requisite to the next phase and must be satisfactorily completed prior to advancement.
3. Student Conduct: Students enrolled in the D'Youville College physician assistant program are expected to demonstrate high standards of personal behavior and professional conduct in the academic and clinical environments. Dishonesty or misconduct, whether academic or professional, in any form will not be tolerated by P.A. program faculty. College policy regarding academic dishonesty will be followed with the recommendation that the offender be dismissed from the physician assistant program. Professional misconduct will be reviewed by the progress committee and may result in dismissal from the program. Unprofessional behavior in the clinical setting will result in failure of the practicum regardless of course mastery and may result in immediate dismissal from the program.

Other specific requirements include the following:

Phase I:

1. Students enrolled in the first two years of the curriculum must maintain a semester and cumulative grade point average (G.P.A.) of at least 2.5. Achievement of the specific minimum G.P.A. is required for advancement from Phase I to Phase II of the program curriculum. The minimum G.P.A. is also required for enrollment in any professional foundation course specified in the program curriculum plan with a prefix course number.
2. A minimum grade of C for any course specified as Phase I prerequisite in the program curriculum plan is required. A grade of C must be achieved in all Phase I prerequisites prior to advancement to Phase II of the program.
3. Students who do not meet academic requirements for two science course requirements in the same semester will be automatically decelerated into the next graduating class.

Phase II

1. A minimum grade of B- (80 percent) is required for all courses included during the didactic year of Phase II curriculum with the exception of Pharmacology PA 335/336 in which the minimum passing grade is 73 percent. A minimum grade of C (73 percent) is required for all courses included during the clinical year of Phase II of the curriculum. Students who fail to obtain the required grades in any Phase II course during the didactic year of the program curriculum will not be permitted to progress to the clinical year of the program. Students may be permitted to decelerate and repeat 300-level courses on a case-by-case basis, depending on their past academic history. Any program-required course may be repeated only once. Second failure of the same course

will result in automatic dismissal of the physician assistant program. Students who must repeat a 300-level course will be required to repeat and demonstrate continued proficiency in any or all other 300-level courses prior to enrollment in 400-level courses. Any student who fails more than one 300-level course in the same semester will be automatically dismissed from the program.

2. Students experiencing academic difficulties may be required to decelerate their progress through Phase I or Phase II until an acceptable level of performance is achieved.
3. Students are required to obtain permission of the program faculty prior to registration in clinical rotations included in Phase II of the program. Despite meeting minimum academic standards, permission to accelerate into the clinical year may be denied on the basis of demonstrated weakness or inability to meet the program academic and professional standards.
4. All clinical rotations must be completed with a minimum grade of C (73 percent) and a "Pass" recommendation from their clinical preceptor. Students who do not meet these minimum criteria in any 400- or 500-level clinical rotation course, or who voluntarily withdraw from the clinical rotation, must receive formal approval by the clinical coordinator to repeat that course or to continue with the subsequent rotations. Formal or informal remediation may be required prior to returning to the clinical experiences. All clinical rotations must be completed within 18 months of completion of didactic academic coursework or repetition of academic courses may be required. A student will not be allowed to repeat more than one 400- or 500-level clinical course required in the major without permission of the clinical coordinator. Failure of a second 400- or 500-level course may result in dismissal from the program.
5. A student must possess current certification in Cardiopulmonary Resuscitation (CPR), child abuse recognition certification and New York state in servicing on blood-borne pathogens, prior to admission into the professional phase of the program. All students in the clinical and graduate phase will be provided professional liability insurance specified by the program. Students must also have evidence of vaccinations/immunizations in compliance with CDC recommendations for health care professionals.

Phase III

1. During the graduate year of study in the 4-year B.S./M.S. degree program, as a requirement of the primary care rotation, all senior level students must satisfactorily complete a community service project with a corresponding poster presentation as outlined in the senior student manual.
2. A minimum passing grade for all graduate-level courses will be a B (83 percent). Achieving and maintaining a minimum GPA of 3.0, for a grad course, is a requirement for completion of the graduate year.
3. Failure of a student to obtain the minimum passing grade for any graduate course will be addressed by the graduate faculty on an individual basis. Permission to repeat a program-required course will be at the discretion of the graduate faculty, and will be based on previous academic standing.
4. All master degree candidates must satisfactorily complete an individual research project with a corresponding presentation. This project must have prior approval of the department and be overseen by an advisor.

ACADEMIC PROBATION

1. A student will be placed on academic probation when there is a failure to satisfy specific program academic standards or regulations. A student placed on academic probation will remain on probation for the two full-time semesters that immediately follow the date of the probation. All students on program academic probation must meet the academic standards for their degree. Failure to meet the academic standards during a probationary period will result in dismissal from the program.
2. Students requiring a second probation period will be brought before the progress committee. Permission to continue in the program will be decided on a case-by-case basis and may result in dismissal from the program.
3. Academic deficiencies that result in program academic probation must be corrected within the two semesters that immediately follow the date of probation.
4. Probationary students on a decelerated or part-time schedule must continue to meet all conditions of the probation while on a part-time schedule and will remain on probation until the completion of their next two full-time semesters.
5. Failure to meet the conditions of probation will result in dismissal from the program.
6. Students may appeal the decision of dismissal from the physician assistant program to the chairperson. The appeal is initiated with a letter from the student to the department head describing the circumstances that limited academic performance. The department head presents the appeal to the physician assistant faculty for consideration. If the appeal is accepted, the student will remain on probation for two full-time semesters and must satisfy the criteria of probation. For information on the appeal process beyond the chairperson, students should consult the college calendar or Connections office.

STUDENT CONDUCT

Students enrolled in the D'Youville College physician assistant department are expected to demonstrate high standards of personal behavior and professional conduct in the academic and clinical environments. Dishonesty or misconduct, whether academic or professional in any form, will not be tolerated by the program faculty. College policy regarding academic dishonesty will be followed with the recommendation that the offender be dismissed from the physician assistant department. Professional misconduct will be reviewed by the progress committee and may result in dismissal from the program. Unprofessional behavior in the clinical setting will result in failure of the practicum regardless of course mastery and may result in immediate dismissal from the program.

CURRICULUM SEQUENCE

4 -Year B.S./M.S. Degree CURRICULAR PLAN (172 credits).

Core Requirements—First & Second Years

	Credits
BIO 107 Human Anatomy & Physiology I	3
BIO 107L Lab.....	1
CHE 101 General Chemistry I.....	3
CHE 101L Lab.....	1
ENG 111 English Communication.....	3
CSC 110 Computers & Computing.....	3
PSY 203 Developmental Psychology.....	3
BIO 108 Human Anatomy & Physiology II.....	3
BIO 108L Lab.....	1
CHE 102 General Chemistry II.....	3
CHE 102L Lab.....	1
ENG 112 English Communication.....	3
MAT 120 Elementary Practical Statistics.....	3
OR	
MAT 123 Introduction to Applied Statistics (preferred)	4
One course in Sociology.....	3
Three courses in Humanities.....	9
CHE 219 Organic Chemistry.....	3
CHE 219L Lab.....	1
BIO 208 Microbiology	3
BIO 208L Lab.....	1
PHI 201 Ethics in Theory & Action.....	3
OR	
RS 201 Religion & Social Responsibility	3
RSC 203 Medical Terminology.....	1
One course—PSC/ECO	3
One course—HIS.....	3
BIO 303 Biochemistry.....	3
BIO 240 Human Gross Anatomy for Physicians' Assistants	4
PHI/RS 214 Challenges of Death	3
PHI/RS 312 Bioethics.....	3
BIO 307 Pathophysiology.....	3
Three electives.....	9
CORE REQUIREMENTS SUBTOTAL.....	86

Didactic Year Requirements —Third Year

PA 303 Clinical Medicine I.....	5
PA 305 Behavioral Medicine I	2
PA 309 Clinical Lab. Medicine I.....	2
PA 311 Clinical Skills.....	3
PA 312 Physical Diagnosis I.....	2
PA 335 Pharmacology.....	3
PA 304 Clinical Medicine II.....	5
PA 310 Clinical Lab. Medicine II.....	2
PA 313 Physical Diagnosis II.....	2
PA 336 Pharmacology II.....	3
DIDACTIC YEAR SUBTOTAL.....	29

Clinical Year Requirements —Fourth Year

PA 401B Internal Medicine.....	3
PA 401C Family Medicine.....	3
PA 402 Surgery.....	3
PA 403 General Pediatrics.....	5
PA 404 OB/GYN.....	3
PA 405 Psychiatry.....	3
PA 406 Emergency Medicine.....	3
PA 407 Geriatrics.....	1
PA 408 Orthopedics.....	3
CLINICAL YEAR SUBTOTAL.....	30

Graduate Year—Fifth Year

PA 500 Professional Issues.....	1
PA 501 Elective I.....	3
PA 502 Elective II.....	3
PA 503 Primary Care	6
PA 504 Graduate Seminar I.....	1
PA 505 Graduate Seminar II	1
PA 603 Applied Research Methods.....	3
PA 604 Applied Project Seminar I.....	3
PA 605 Applied Project Seminar II.....	3
Choice of 2 of the following:	6
PA 509 Neuroanatomy.....	3
PA 511 Adv. Medicine Microbiology.....	3
PA 512 Alt. Medicine.....	3
PA 606 Medical Epidemiology.....	3
GRADUATE SUBTOTAL.....	30

TOTAL FOR FIVE-YEAR B.S./M.S. DEGREE:..... 172

COURSE REQUIREMENTS

PHYSICIAN ASSISTANT

DEGREE: B.S./M.S.

COURSE REQUIREMENTS FOR THE MAJOR:

In the specific area of concentration:

	<i>Credits</i>
PA 335 Pharmacology I.....	3
PA 336 Pharmacology II.....	3
PA 303 Clinical Medicine I.....	5
PA 304 Clinical Medicine II.....	5
PA 305 Behavioral Medicine	2
PA 309 Clinical Laboratory Medicine I	2
PA 310 Clinical Laboratory Medicine II	2
PA 311 Clinical Skills.....	3
PA 312 Physical Diagnosis I.....	2
PA 313 Physical Diagnosis II.....	2
PA 401B Internal Medicine	3
PA 401C Family Medicine	3
PA 402 General Surgery	3
PA 403 General Pediatrics.....	5
PA 404 Obstetrics and Gynecology	3
PA 405 Psychiatry	3
PA 406 Emergency Medicine	3
PA 407 Geriatrics (2 wks).....	1
PA 408 Orthopedics	3
PA 500 Professional Issues	1
PA 501 Elective I.....	3
PA 502 Elective II.....	3
PA 503 Primary Care	6
PA 504 Graduate Seminar I.....	1
PA 505 Graduate Seminar II.....	1
PA 603 Applied Research Methods.....	3
PA 604 Applied Project Seminar I.....	3
PA 605 Applied Project Seminar II.....	3
 <i>Choice of two of the following:</i>	 6
PA 509 Neuroanatomy	3
PA 511 Advanced Medical Microbiology.....	3
PA 512 Alternative Medicine.....	3
PA 606 Medical Epidemiology.....	3

In other academic areas required for this major:

BIO 107/107L Human Anatomy & Physiology/Lab.....	4
BIO 108/108L Human Anatomy & Physiology/Lab.....	4
BIO 208/208L Microbiology.....	4
*BIO 240/240L Human Gross Anatomy for Physician Assistants.....	4
*BIO 303 Biochemistry.....	3
*BIO 307 Pathophysiology.....	3
CHE 101/101L General Chemistry I.....	4
CHE 102-102L General Chemistry II.....	4
CHE 219/219L Organic Chemistry.....	4
MAT 120 Elementary Practical Statistics.....	3
OR	
MAT 123 Introduction to Applied Statistics (preferred)	4
PHI/RS 214 Challenges of Death	3
PHI/RS 312 Bioethics Seminar.....	3
PSY 203 Developmental Psychology.....	3
RSC 203 Medical Terminology	1

<i>Major</i>	86
<i>Major requirements in other academic areas</i>	47
<i>Remaining core requirements</i>	39
TOTAL (B.S./M.S.)	172

* These courses must be taken at D'Youville College. No transfer credit will be given for courses completed over 18 months prior to beginning the professional phase courses.

PSYCHOLOGY

DEGREE: B.A.

D'Youville College has offered a B.A. in psychology since the fall of 2000. This program provides students with a strong foundation of psychological knowledge that is valuable in any career requiring critical thinking and thoughtful understanding. In addition, the curriculum is designed to provide the student with ongoing guidance in the establishment and attainment of professional goals in the field of psychology. The student will be well prepared to gain employment or admission to graduate programs in psychology or related fields.

During the first two years of the program, students complete general education core courses in the arts, humanities and sciences, and program core courses in the foundation areas of psychology. These core courses prepare the student for advanced study.

In the last two years of the program, students are required to complete seven upper-level psychology electives within content areas including developmental, physiological, social, abnormal, cognitive or personality psychology. Students are required to complete a minimum of two electives at the 400-level but may choose electives in any content areas that are in keeping with their academic or professional interests. Students are also required to complete two semesters of internship and its corequisite senior seminar during their senior year. Students may choose internships by volunteering in human or social service, forensic/legal, research, medical, school or other placements that are consistent with their goals and interests and approved by the college. All students will spend a minimum of approximately 15 hours per week in internship-related activities. In the senior seminar, students discuss issues pertaining to their internship experiences and professional development (e.g., ethics, supervision, cultural diversity, applying to graduate school) that culminates in the development of a senior paper. The senior experience is designed to enhance the student's studies in psychology, the student's career development, and the student's preparation for graduate study or vocational placement.

ADMISSION REQUIREMENTS

FRESHMAN ADMISSION

Applicants must meet the following three criteria:

1. Combined SAT scores of at least 900 (or ACT equivalent score of 18)
2. A high school average of at least 80 percent
3. A high school rank in the upper one half of the class

TRANSFER ADMISSION

Students must have a minimum G.P.A. of 2.33. Transfer credits will be determined on a case-by-case basis to assess adaptability to curriculum requirements.

Each student accepted into the program must submit a letter of intent prior to course registration.

ACADEMIC STANDARDS

Academic regulations for psychology are in addition to general college policies for all part-time and full-time students. Part-time and full-time students must meet all the academic regulations listed below.

A. Grade and G.P.A. requirements

1. Freshman academic requirements:

- a. Students must maintain a semester and cumulative average of a minimum of 2.0.
- b. Students must maintain a minimum grade of C in all 100- and 200-level courses required in the major and for all other courses required for the major.
- c. Students who fail to meet these requirements are placed on program probation where they will remain for two semesters (see B.1 and B.2 Probationary Standing).
- d. Students are permitted to repeat a course once. Permission to repeat a course must be obtained from the faculty in that course on a space-available basis.

2. Sophomore, junior and senior academic requirements:

- a. Students must maintain a semester and cumulative average of a minimum of 2.33.
- b. Students must maintain a minimum grade of C in all 100- and 200-level courses required for the major.
- c. Students who fail to meet these requirements are placed on program probation where they will remain for two full-time semesters (see B.1 and B.2, Probationary Standing).

3. Psychology elective academic requirements

- a. Students must achieve a C or better in 10 psychology electives with at least three courses from Group A-Psychology as a Life Science and at least three courses from Group B-Psychology as a Social Science.
- b. Students earning less than a C in any psychology elective may
 1. Choose to repeat the course when it is next offered
 2. Choose to take a different elective to apply towards the major (in which case, the student cannot apply the elective graded below a C towards the psychology major)

B. Probationary standing:

1. Students who are placed on program probation have the following limitations:

- a. Students who are placed on probation will be limited to 12 credit hours per semester.
- b. Students will remain on probation for two full-time semesters, during which time they must fulfill the conditions of probation or be dismissed from the program.
- c. Students with probationary status must have the permission of the community internship supervisor before registering for PSY 469 or PSY 470. In order to obtain this permission, students must demonstrate the ability to meet academic and professional standards of the program required for the internship experience.

2. Students on program probation are required to meet the following conditions in two full-time semesters or be dismissed from the program:
 - a. Freshmen must maintain a semester and cumulative average of a minimum of 2.0
 - b. Sophomores, juniors, and seniors must maintain a semester and cumulative average of a minimum of 2.33
 - c. All students must meet with their academic advisor at least three times during the probationary semester; it is the responsibility of the student to coordinate these meetings
 - d. All students must maintain a minimum grade of C in all 100- and 200-level courses required in the major and for all other courses required for the psychology major
3. Previously dismissed students who re-apply and are re-accepted into the program will be on program probation for two full-time semesters.

PSYCHOLOGY MINOR

The psychology minor is designed to enhance a student's academic experience and to provide background for those planning to pursue careers in any field that involves dealing with people. Students wishing to minor in psychology must complete 15 credits. Students are required to complete PSY 101, two of the following courses: PSY 202, 203, 204, 205, 206; and two additional psychology electives at any level.

COURSE REQUIREMENTS

PSYCHOLOGY

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits</i>
PSY 101	General Psychology	3
BIO 105	Human Biology	4

Psychology courses required by program:

PSY 102	History of Psychology	3
PSY 201	Research and Statistical Methods in the Social Sciences I	3
PSY 202	Research and Statistical Methods in the Social Sciences II	3
PSY 203	Developmental Psychology	3
PSY 204	Physiological Psychology	3
PSY 205	Social Psychology	3
PSY 206	Abnormal Psychology	3
PSY 207	Cognitive Psychology	3
PSY 208	Personality Psychology	3
PSY 209	Psychology as a Profession I	1
PSY 210	Psychology as a Profession II	1
PSY 469/470	Psychology Internship I and II	8
PSY 489/490	Senior Seminar	4

Seven additional psychology elective courses are required, with courses chosen from at least four of the following fundamental areas and including at least two courses at the 400-level.

Developmental Psychology

PSY 353	Social Psychology of Aging	3
PSY 363	Human Sexuality	3
PSY 453	Developmental Psychopathology	3
PSY 463	Special Topics in Developmental Psychology	3

Physiological Psychology

PSY 354	Biopsychology of Mental Disorders	3
PSY 364	Neuropsychology	3
PSY 454	Biopsychology of Addiction	3
PSY 464	Special Topics in Physiological Psychology	3

Social Psychology

PSY 355	Group Dynamics	3
PSY 365	Forensic Psychology	3
PSY 455	Cross-Cultural Psychology	3
PSY 465	Special Topics in Social Psychology	3

Abnormal Psychology

PSY 356	Theories of Counseling	3
PSY 366	Psychological Assessment	3
PSY 456	Behavior Modification	3
PSY 466	Special Topics in Abnormal Psychology	3

Cognitive Psychology

PSY 357	Sensation and Perception.....	3
PSY 367	Psychology of Consciousness.....	3
PSY 457	Learning and Memory.....	3
PSY 467	Special Topics in Cognitive Psychology.....	3

Personality

PSY 358	Psychology of Human Relations.....	3
PSY 368	Stress and Adjustment.....	3
PSY 458	Psychology of Gender.....	3
PSY 468	Special Topics in Personality.....	3

<i>Core requirements and electives</i>	58
<i>Required Psychology courses</i>	41
<i>Elective Psychology courses</i>	21
TOTAL	120

SOCIOLOGY

DEGREE: B.A.

Sociology students at D'Youville College explore the relationships between individuals and social institutions. From the investigation of daily interactions to the study of broad-based global social movements, sociology majors consider the notion of power and the complex ways in which humans make meaning. Courses emphasize a concern for social justice along lines of social class, race, ethnicity, gender, and so forth. Sociologists aim to devise solutions to social problems. Sociological findings help policy makers, administrators, and educators resolve problems in just ways. At the core of the program is the emphasis on human rights, and the notion that all individuals deserve a life of dignity and equality.

The methods and substantive areas of sociology provide a strong foundation for a wide range of careers in fields such as government, public policy, criminal justice, social activism, human services, social work, counseling, education, personnel, advertising, and market research. A degree in sociology also provides excellent preparation for graduate study in sociology and a variety of applied or related areas including law, public policy, urban and community planning, health care administration, social work, survey research, education, and journalism. Students graduate from the program proficient in data and trend analysis. They also learn how to conduct in-depth interviews and focus groups and are skilled in evaluating pieces of policy and legislation. Critical thinking and communication skills are developed in sociology courses and in the broadly distributed liberal arts core.

The sociology major is organized to provide a firm grounding in both theory and research methods, while allowing students to customize their studies to their specific sub-field interests. The sociology courses at the 100-level introduce students to the basic concepts and analytical tools used in sociology. Courses at the 200-level provide more experience and training in sociological analysis, concentrating on a particular institution or social process. The upper-level courses present opportunities for in-depth probing of sub-field and topical areas. Every student must complete an internship in either their junior or senior year. Students have worked on internships in mass media, government, public service and in medical institutions. Unique to the program, at the upper course level, the major offers an applied urban case study opportunity in which students undertake an intense, micro-study of problems in a specific urban center; the class then travels to that city to engage in a focused service-learning project.

To complete the program, students must fulfill a 24-credit sociology sequence composed of SOC 101, 102, 203, 205, 211, 215, 232, and 444. In addition, the student must satisfy 15 credits of sociology electives, and have a related field or minor of at least 12 credits. A minimum grade of C- must be earned in each required course in the sociology major or the course must be repeated.

ADMISSION REQUIREMENTS

FRESHMAN ADMISSION

Applicants must meet the following three criteria:

1. Combined SAT scores of at least 900 (or ACT equivalent score of 18)
2. A high school average of at least 80 percent
3. A high school rank in the upper one half of the class

TRANSFER ADMISSION

Students must have a minimum G.P.A. of 2.33. Transfer credits will be determined on a case-by-case basis to assess adaptability to curriculum requirements.

Each student accepted into the program must submit a letter of intent prior to course registration.

COURSE REQUIREMENTS

SOCIOLOGY

DEGREE: B.A.

COURSE REQUIREMENTS FOR THE MAJOR:

<i>In the specific area of concentration:</i>		<i>Credits</i>
SOC 101	Principles of Sociology	3
SOC 102	Social Problems.....	3
SOC 203	Social Theory.....	3
SOC 211	The Changing Social World.....	3
SOC 215	Research Methods in Sociology.....	3
SOC 232	Sociology of Human Rights	3
SOC 444	Internship.....	3
SOC 490	The State and Social Policy	3
SOC	Sociology Electives (5)	15
	Related field or minor.....	12
<i>Major</i>		<i>51</i>
<i>Core requirements & electives.....</i>		<i>69</i>
<i>TOTAL</i>		<i>120</i>

SOCIOLOGY MINOR (15 credit-hours)

The minor in sociology is designed for students who are interested in gaining a greater understanding of social and cultural organization and patterns of human interaction. It is open to students in any field other than sociology.

Required courses:

SOC 101	Principles of Sociology	3
OR		
SOC 102	Social Problems.....	3

Additional courses:

Four additional sociology courses at any level, only two of which can be cross-listed with the student's major.

COURSE EXPLANATIONS

COURSE NUMBERS

000-099.....Non-credit.....Undergraduate
 100-499.....Credit.....Undergraduate
 500-AboveCredit.....Graduate

PREREQUISITE

A course or other requirement must be met prior to taking a particular course

COREQUISITE

Another course is to be taken with a particular course.

COURSE ABBREVIATIONS

ACC...Accounting
 ANT...Anthropology
 ARA....Arabic
 BIO.....Biology
 CDP....Career Discovery Program
 CHE ..Chemistry
 CHIChinese
 CPC....College Prep Chemistry
 CSC....Computer Science
 DAN..Dance
 DTC...Dietetics
 ECO...Economics
 EDU....Education
 ENG...English
 ESS.....Exercise and Sports Studies
 FA.....Fine Arts (*art, art history, design, drawing, painting, photography*)
 FRE.....French
 GERGerontology
 GLS....Global Studies
 GRA...Graduate Courses
 HIS.....History
 HP.....Health Professions
 HRM...Human Resource Management
 HS.....Health Services
 HSA....Health Services Administration
 IB.....International Business
 IT.....Information Technology
 LAT.....Latin
 LAW ..Law
 LSK.....Learning Skills
 MAT...Mathematics
 MGT...Management
 MKT....Marketing
 MUS....Music
 NTR....Nutrition and Health
 NUR...Nursing
 OTOccupational Therapy
 PAPhysician Assistant
 PHI.....Philosophy
 PHYPhysics
 PSC.....Political Science
 PSY.....Psychology
 PTPhysical Therapy
 RS.....Religious Studies
 RSC.....Rehabilitation Sciences
 SOC...Sociology
 SPA.....Spanish
 SPE.....Speech
 THETheater

COURSE DESCRIPTIONS

ACC 211 Principles of Accounting I (3)

This is a foundation course dealing with accounting principles and procedures with emphasis on the entire accounting cycle, special journals, control accounts and subsidiary ledgers.

ACC 212 Principles of Accounting II (3)

This course explores theory and applies accounting principles mastered in ACC 211 and accounting for general partnerships and corporations. It also deals with managerial accounting, including accounting cycles, cost analysis, and budgeting. **Prerequisite: ACC 211**

ACC 311 Intermediate Accounting I (3)

This is a detailed study of financial statement items and special corporation problems. Problems emphasize analytical approaches to typical accounting situations and approved methods for full disclosure of financial information. **Prerequisite: ACC 212**

ACC 312 Intermediate Accounting II (3)

This course explores applications of the current standards of theory and policy to areas of earnings per share, income taxes, liabilities, investments, statement analysis and comparisons. **Prerequisite: ACC 311**

ACC 321 Tax Accounting (3)

This course studies the various individual income tax laws with special emphasis on current regulations. Students practice in the preparation of tax returns. **Prerequisite: ACC 212**

ACC 322 Cost Accounting (3)

This course explores major cost systems in depth, including job, process and operations costing systems, standard cost systems and flexible budgets, and the income effects of alternative product costing methods. Special topics also covered include cost allocation techniques; spoilage, waste and scrap treatment; and the role of cost accounting in professional CPA and CMA exams. **Prerequisite: ACC 212; Offered in the fall semester.**

ACC 389-90 Special Topics in Accounting (3)

This is a seminar in a topic related to the field of accounting. A subtitle indicates the specific content of the course. **Prerequisite: ACC 311 or permission of the instructor; Offered as needed.**

ACC 401 Auditing (3)

This introduction to the theory, practice and ethics of independent auditors includes discussion and application of the statements on auditing standards of the American Institute of Certified Public Accountants. **Prerequisite: ACC 312; Offered in the spring.**

ACC 402 Managerial Accounting (3)

The course is designed to acquaint the student, who is not an accounting major with the kinds of accounting information managers need, the source and availability of this information, and the interpretation and utilization of this information in carrying out the managerial functions in an organization. **Prerequisite: Senior-level or permission of the instructor, not open to accounting majors**

ACC 403 Accounting Theory and Application (3)

Students study via the case method of specialized areas of accounting. Accounting theory and tax questions are an integral part of this course. Although the course is not designed specifically as review for the CPA exam, instructors utilize selected problems and cases from previous exams for study, thereby benefiting students who wish to sit for the exam. **Prerequisites: ACC 321, 322, LAW 303, 304; Offered as needed.**

ACC 404 Advanced Accounting (3)

This course is an advanced approach to accounting principles in the areas of partnership, liquidations, government accounting, nonprofit accounting and consolidations. **Prerequisite: ACC 312; Offered as needed.**

ACC 407 Fund Accounting (3)

This is an elective course designed to introduce accounting students to governmental and not-for-profit accounting. It includes discussion and application of principles of local government accounting, typical entries in a fund accounting system and financial statements for a fund accounting system. It also deals with accounting principles for colleges, universities and hospitals. **Prerequisite: ACC 312; Offered every other year.**

ACC 410 Taxation of Corporations and Partnerships (3)

This course is an in-depth approach to a variety of tax issues associated with the corporation, regular and subchapter S, and the partnership. **Prerequisite: ACC 321; Offered every other year.**

ACC 417 Personal Computers for Accountants (3)

This course introduces students to computerized business and accounting applications, word processing, databases, spreadsheets and presentation software. Students are given thorough, hands-on familiarization with the personal computer and various business and accounting applications on the computer.

ACC 420 CPA Problems (3)

This course conducts a theoretical and practical analysis of issues dealing with the Certified Public Accountants license exam, and the problems facing CPAs in the corporate, nonprofit and public sector environments.

ACC 421 Corporate Finance (3)

This course deals with corporate financial statements and financial analysis of business firms, tax considerations, inventory analysis, capital budgeting and investment, and financing decisions. **Prerequisite: ACC 212, ECO 207 or permission of instructor**

ACC 444 Accounting Internship (3)

This course provides accounting students with the opportunity to gain practical, hands-on experience in their areas of specialization by working for businesses, nonprofit organizations and government agencies. **Open only to senior accounting majors with prior permission of instructor; Offered in the fall and spring semesters.**

ANT 101 Introduction to Anthropology (3)

An overview of the discipline of anthropology, a social science that focuses on human evolution and organization across time and on the study of non-Western societies and cultures. The course will explore anthropological theory and research, including the main sub-fields of the discipline, with a particular emphasis on cultural anthropology.

Offered as needed.

ARA 101 Introduction to Arabic I (3)

Designed to develop students' proficiency and communication in Modern Standard Arabic – which is the one language that is written, read and spoken in the Arab world – in the four basic skills: listening, speaking, reading and writing. At this beginning level, students will be exposed to authentic reading and listening material. **Offered as needed.**

ARA 102 Introduction to Arabic II (3)

Designed to develop students' proficiency and communication in Modern Standard Arabic – which is the one language that is written, read and spoken in the Arab world – in the four basic skills: listening, speaking, reading and writing. Students will continue to be exposed to authentic reading and listening material. **Prerequisite: ARA 101; Offered as needed.**

BIO 101 Introductory Biology (4)

The lecture topics included are origins of life, prebiotic chemistry, surveys of the major plant, invertebrate and vertebrate phyla. The course also includes evolutionary principles governing taxonomic criteria and the physiology of movement of food and water in plants. A three-hour lab accompanies the above lecture. **Intended for biology majors and minors.**

BIO 102 Introductory Biology (4)

The lecture topics include a survey of the cell, its chemical constituents and its organelles, energy metabolism and photosynthesis. Introductory classical and molecular genetics is also covered. A three-hour lab accompanies the above lecture. **Intended for biology majors and minors. Prerequisite CPC 022**

BIO 105 Human Biology (4)

This course surveys the function of the human body systems in health and disease and includes topics of current interest, which may include diet and nutrition, treatments for infertility, infectious diseases and vaccines, and the affect of drugs on the nervous system. This course is comprised of three hours of lecture and three hours of laboratory per week. The lab exercises are designed to complement the lecture topics and concurrent registration in both lecture and three-hour laboratory are required. This course is not eligible for elective credit in the major but is a required course in the psychology major. **Offered fall and spring semester as needed.**

BIO 107 Human Anatomy and Physiology I (3)

This is a study of the structural and functional relationships of the human organism, emphasizing cells and tissues, the integument, skeletal system, muscular system, nervous system and sense organs. This course is comprised of three lectures a week. **Prerequisite: CPC 022; Offered both semesters and summer.**

BIO 107L Laboratory (1)

This course accompanies BIO 107. This course is comprised of two hours of laboratory a week.

BIO 108 Human Anatomy and Physiology II (3)

This continuation of BIO 107 emphasizes the digestive system, respiratory system, blood, cardiovascular system, urinary system, reproductive systems, endocrine system, human genetics and development. This course is comprised of three lectures a week. **Prerequisite: CPC 022; Offered both semesters and summer.**

BIO 108L Laboratory (1)

This course accompanies BIO 108. This course is comprised of three hours of laboratory a week.

BIO 121 Introduction to Wines (3)

This course is designed for anyone wishing to learn about wines. Topics include biology of grapes, yeasts and sensory perception. Chemistry of fermentation and metabolism of wine, surveys of different types of wines and the history of wine making with emphasis on regional and cultural influences is explored. The course will be team taught to exploit a diversity of faculty expertise and guest speakers will be featured. The course is comprised of three lecture hours per week and one or more field trips to local wineries in Ontario and New York. **Prerequisites: High school chemistry and students must be of legal drinking age in Canada; Not eligible for elective credit in the major; Offered in the fall semester.**

BIO 208/208L Microbiology (4)

This is an introduction to the classification, morphology and physiology of microorganisms, particularly of bacteria and viruses with laboratory emphasis on sterile technique, cultural characteristics and physiology of bacteria. The course is comprised of three lecture hours and three laboratory hours per week. **Prerequisite: BIO 101/102 or BIO 107/108 and one year of college chemistry; Offered in the fall and spring semesters as needed.**

BIO 210 Modern Topics in Biology (3)

This is an introduction to biological topics of general interest and practical value. Topics are drawn from areas such as basic biological principles, functioning of the human body, health problems and environmental issues. Students have a role in choosing topics and are actively involved in class presentations and discussions. This course is comprised of three lectures per week and is not eligible for elective credit in the major.

BIO 215 Environmental Science (3)

This is an introduction to the principles of environmental science and considers how those principles can be applied to the understanding and solution of current environmental problems. The course is comprised of three lectures per week and is not eligible for elective credit in the major. **Only offered as needed.**

BIO 215L Environmental Science Laboratory (1)

This is field and laboratory work designed to provide practical experience while investigating the basis for environmental principles. Students are directly exposed to the monitoring of environmental problems. The course is three laboratory hours per week and is not eligible for elective credit in the major. **Optional; Corequisite: BIO 215; Only offered as needed.**

BIO 216 Marine Biology (3)

This is an introduction to the life of the seas. It begins with basic information about the chemical, physical and geological nature of the oceans. Then all major marine communities are surveyed, including coastal zones and estuaries, coral reefs, the open ocean and the exotic communities of the deep sea. Extra attention is given to special topics of particular importance or interest. The final section concerns human interactions with the marine world and threats that they pose to it. **Prerequisites: BIO 101/102 or permission of instructor**

BIO 218 Invertebrate Zoology (4)

This is a survey of the major invertebrate groups with emphasis on their diverse patterns of form and function. Coverage of each group includes its distinguishing characteristics and patterns of adaptations for coping with the needs of life by following examples of selected species. Basic biological principles and special impacts on humans are discussed when appropriate. In the laboratory, live and preserved specimens from marine, freshwater and terrestrial habitats are used to explore aspects of anatomy, physiology and behavior. The course is comprised of three lectures and three hours of laboratory a week. **Prerequisites: BIO 101/102 or permission of instructor; Offered as needed.**

BIO 223 Evolution and Human Heredity (3)

This is a study of the principles of evolution with an emphasis on biological patterns of adaptations. The history of natural selection is traced through the lives of Darwin and Wallace and the geological influence of Charles Lyell is emphasized. The impact of Darwin in Victorian society, as well as modern impacts in American society are explored. The chromosomal basis of evolution is presented and the genetic syndromes of several diseases are presented. The overall emphasis is on preparing educated citizens to understand what biologists mean by evolution with a hope of enabling them to make better judgments on evolution themselves. The course is comprised of three lectures a week and is not eligible for elective credit in the major.

BIO 229 Ecology (4)

This is a broad introduction to the basic concepts of ecology as they pertain to population, evolutionary processes, communities and ecosystems. Several current environmental problems are explored in the light of these concepts. Laboratory includes a mix of lab and field exercises designed to put lecture topics into practice. The course is comprised of three lectures and three laboratory hours a week. **Prerequisite: BIO 101/102 or permission of instructor; Offered in the fall semester; This course is intended for biology majors.**

BIO 240 Human Gross Anatomy for Physicians' Assistants (4)

This is a human gross anatomy course involving lectures and laboratory with original cadaver dissection, and the study of some completed dissections. This course is similar to Biology 339, but includes increased emphasis on anatomy of abdominal and pelvic visceral organs and neuroanatomy. The course is intended for students in health professions other than occupational and physical therapy. **Prerequisites: BIO 107/108 Human Anatomy and Physiology or BIO 507L + BIO 508L or permission of instructor; Offered in the spring semester.**

BIO 242 Evolution (3)

Evolution is the single most unifying theory in the biological sciences. This course traces the beginnings of Darwinian Wallace evolution by natural selection and places this theory in historical perspective. Current evidences of evolution are given and explained and evolution at the gene level is discussed. The emphasis of the course is on biological and biochemical adaptations to changing environments. Some limited treatment of population genetics is included. **Prerequisites: BIO 101/102; Offered as needed.**

BIO 369-370 MCAT, DAT, GRE Review (0)

This is a noncredit course designed to guide and assist students in reviewing for entrance examinations for health professional schools and graduate school. The entrance exams covered include the Medical College Admission Test, Dental Admission Test, Pharmacy College Admission Test, GRE General Test and GRE Biology Test. The course provides an introduction to the exams, diagnostic testing, assistance in reviewing the appropriate subject areas, and the administration of practice exams. **Prerequisites:** *D'Youville student with junior or senior standing*

BIO 302 Genetics (4)

This is an examination of the principles of classic and molecular genetics. Topics discussed include Mendel's contribution, linkage, gene mapping, structure and function of DNA and RNA; bacterial and viral genetics, gene function, mutation, regulation of gene activity, recombinant DNA technology and quantitative and population genetics. Laboratory experiments with *Drosophila*, bacteria and fungi demonstrate principles discussed in the lecture. The course is comprised of three lectures and three hours of laboratory a week. **Prerequisite:** *BIO 101/102 and 2.2 G.P.A. or permission of instructor; Offered in the spring semester.*

BIO 303/CHE 303 Biochemistry (3)

This one-semester course emphasizes structure/function relationships among the components responsible for the biochemical functions of life. Topics include proteins, enzymes, carbohydrates, bioenergetics, metabolism (catabolism and anabolism), lipids, membranes, nucleic acids, biotechnology, biochemical methods, vitamins and nutrition. This course is cross-listed with CHE 303. **Prerequisite:** *CHE 219 and BIO 101-102 or 107-108, or chemistry majors who have taken CHE 219 and CHE 220 or by permission of instructor; Offered both semesters and often in the first summer session.*

BIO 303L/CHE 303L Biochemistry Laboratory (1)

This laboratory supports BIO 303 lecture course. Students required to take BIO 303 are also required to take BIO 303L (except for physician assisting students). **Offered both semesters; Corequisite:** *BIO 303*

BIO 304 Microscopic Anatomy (4)

This course examines the organ systems of the body microscopically. The development, histology, histophysiology and histopathology of the tissues and organs of the body will be presented in lecture. The lab incorporates microscopic examination of the organ systems and training in processing of tissue for imaging and instruction in the use of imaging equipment. The course is comprised of two lectures and four hours of laboratory a week. **Prerequisite:** *BIO 101/102, or BIO 107/108; Offered in the spring semester.*

BIO 307 Pathophysiology (3)

This is a study of disease processes as disturbances of the body's homeostasis. The body's defense mechanisms and their breakdown are emphasized. Various clinical assessment methods are discussed. The course is comprised of three lectures a week. **Prerequisite:** *BIO 107/108 and CHE 111/112 or equivalent; The course is offered both semesters and is not eligible for elective credit in the major.*

BIO 310 Immunology (3)

Individuals are continually exposed to foreign substances (antigens) and respond to them in ways that are both harmful and beneficial. Many areas of biology use the in vitro techniques of immunology. Thus, immunology integrates such diverse fields as genetics, biochemistry, physiology and medicine and is relevant for biology and health science students alike. The purpose of this course is therefore to introduce the student to the chemistry of antigens and antibodies, the biology of the immune response, including both harmful and beneficial aspects in the function of the cells, organs and molecules of the immune system. Immunologic techniques and their applications will also be examined. **Prerequisites:** *BIO 101/102 or BIO 107/108 and CHE 101/102; Offered in the spring semester.*

BIO 312 Molecular Cell Biology (4)

This is a detailed analysis of cellular organelles in relation to active transport, endocytosis, cell-to-cell communications, cell development and protein synthesis. Chromosome organization, gene structure, RNA synthesis and regulation of gene expression are also considered. Discussions will emphasize techniques and key experiments that have helped in the development and formulation of contemporary concepts. This course is comprised of three hours of lectures and one discussion hour a week. **Prerequisite:** *BIO 102 or 108 and BIO 303; Offered in the spring semester.*

BIO 317 Comparative Anatomy (4)

This is a study of vertebrates and their chordate origins, including an overview emphasizing their historical relationships. The major systems, such as integument, muscular, nervous, endocrine, circulatory, and skeletal, are presented with examples from the major vertebrate groups. The course is comprised of three lectures and three hours of laboratory a week. **Prerequisite:** *BIO 101/102*

BIO 320 Developmental Biology (4)

This is a study of the principles of development and their application to animal and plant embryos, regeneration, metamorphosis, cancer and related processes. The laboratory includes observation and experimentation with living animal and plant material, plant tissue culture, and examination of prepared slides. The course is comprised of three lectures and three hours of laboratory a week. **Prerequisite:** *BIO 101/102 or permission of instructor, BIO 302 recommended; Offered in the spring semester.*

BIO 339 Human Gross Anatomy (6)

This is a lecture and laboratory course in human gross anatomy, which uses cadaver dissection and other materials illustrative of human anatomy. Emphasis will be placed upon the anatomy of skeletal muscles, including their bony attachments, nerve and blood supply and their functions in movements. Additional dissections will involve a survey of abdominal and thoracic organs, anatomy of the head and contents of the cranial cavity. The course is comprised of two lecture hours and eight lab hours a week. **Prerequisites:** *BIO 107/108 or equivalent and/or permission of instructor*

BIO 342 Endocrinology (3)

This is a study of the function of the endocrine system in regulating and maintaining biological processes. The course is comprised of three lectures a week. **Prerequisite:** *BIO 101/102 or BIO 108; Offered in alternate years.*

BIO 389-90 Special Topics in Biology (3)

This course presents an opportunity to study a selected topic in the biological sciences. Topics can originate with faculty or students. **Offered as needed.**

BIO 403 Comparative Animal Physiology (3)

This is a study of function in animals including neural and sensory, endocrine, circulatory, and physiological strategies for gas exchange and water balance. The course is comprised of three lectures a week. **Prerequisite:** *BIO 101/102, CHE 101/102, or equivalent, or permission of instructor; Offered as needed.*

BIO 407/408 Research at D'Youville (2,3)

Library or laboratory research problems are carried out under the direction of staff members on campus. **Prerequisite:** *Junior or senior status in biology and permission of instructor*

BIO 409/410 Research at Roswell Park C.I. (2-3)

Laboratory research is carried out at Roswell Park Cancer Institute under the direction of its staff. Requires permission of the department chairperson and approval by R.P.C.I. **Prerequisite:** *Senior standing in biology and a 3.0 G.P.A. in mathematics and science courses*

BIO 479/480 Independent Study (1, 2, 3)

Qualified students may investigate selected topics with permission of the instructor.

CDP 101 Perspectives on Professions I (2)

This course is based on the premise that choosing an appropriate major depends on self-knowledge and a knowledge of the changing world of work. It seeks to provide the student with the necessary flexibility, tools and skills to survive in a changing work environment. The course's philosophy is that student-centered courses that provide experience in self-evaluation and discovery of career options, are integral components of the process of choosing a major. Experience and opportunities for interviewing, researching career options and academic planning are provided as part of the program in order to develop the skills necessary for selection of an appropriate career pathway. Participants meet in small groups (10 to 15), individually with their instructor and in large groups to hear professionals from selected career fields. **Offered in the fall and spring semesters.**

CDP 102 Perspectives on Professions II (1)

The focus is on individual work and academic planning with a CDP instructor in this tutorial. There are three one-day workplace visits or an equivalent amount of career work determined by the student's areas of career interest and based on work during the first semester coursework. Contacts for these job shadowing assignments are arranged by the coordinator of the Career Discovery Program. **Prerequisite:** *CDP 101; Offered in the fall and spring semesters as needed.*

CDP 201 Career Life Planning (1)

A course designed for students who are dismissed from an academic major. The course will provide them with the tools and research skills in self-evaluation as well as the career options that are necessary components of selecting an appropriate academic major. This course will support the student in the discovery of personal work values, personality traits, working and thinking styles and research methods necessary for the discovery of career options. At the completion of this course, the student is expected to choose and be accepted into a new academic major. **Offered in the fall and spring semesters as needed.**

CHE 101 General Chemistry (3)

This introduction to fundamental chemical principles includes topics such as atomic structure, bonding and properties of gases, liquids, solids and solutions. The course consists of three lectures and three hours of laboratory a week. **Prerequisite:** high school chemistry and CPC 022 or waiver and three years high school mathematics or MAT 117 or 122; **Corequisite:** CHE 101L; **Offered** In the fall semester and as needed.

CHE 101L Laboratory (1)

Three hours of laboratory. **Corequisite:** CHE 101

CHE 102 General Chemistry (3)

This course is a continuation of Chemistry 101. Topics include chemical equilibria, kinetics and oxidation reduction systems. **Prerequisite:** CHE 101 and CHE 101L; **Corequisite:** CHE 102L

CHE 102L Laboratory (1)

Three hours of laboratory. **Corequisite:** CHE 102

CHE 111 Chemistry for the Health Sciences I (3)

This is a survey of general and organic chemistry that emphasizes fundamental principles and the properties and characteristics of important groups of chemicals. This course consists of three lectures per week. **Prerequisite:** One year of high school chemistry, college prep chemistry (CPC 022) or permission of instructor; **Offered** both semesters.

CHE 112 Chemistry for the Health Sciences II (2)

This survey of metabolism in the cell includes the instruction of compounds and other components involved in metabolism and regulation of metabolism. The course consists of two lectures per week. **Prerequisite:** CHE 111 or permission of instructor; **Offered** both semesters.

CHE 113L Chemistry for the Health Sciences Laboratory (1)

The laboratory exercises illustrate principles, techniques and practices of general chemistry, organic chemistry and biochemistry. The lab consists of three hours of laboratory a week. **Prerequisite:** CHE 111; **Prerequisite or corequisite:** CHE 112; **Offered** both semesters.

CHE114 Applied Chemistry for the Health Sciences

This is a one-semester introductory course emphasizing those areas in chemistry where biochemistry, the physical sciences and human health intersect. Interactive, student-centered learning is emphasized, as is the process of scientific inquiry. The scientific content is chosen with special emphasis on its applicability to medical issues and includes topics drawn from general, organic and physical chemistry as well as biochemistry, including the basics of atomic structure and chemical reactivity, pH, energy, force, pressure, fluid flow, organic reactions and compounds, biochemical molecules and the cycles of life. **Prerequisites:** Passing grade in chemistry SAI test or a college level chemistry course; **Corequisite:** CHE 114L

CHE114L Laboratory for Applied Chemistry for the Health Sciences

This laboratory accompanies CHE114. Emphasis is on integrative coverage of material contained in its companion course and is conducted in an active learning environment. **Corequisite:** CHE 114

CHE 142 Molecules (3)

This is an introductory course in chemistry, which addresses the key concepts of chemistry by studying the structures and workings of the molecules that people encounter in everyday life. Material will be presented in a conceptual manner, with minimal mathematics, and, to the extent possible, in a manner which connects chemistry to the everyday experiences of 21st century human beings. Topics will include atoms, molecules, intermolecular forces, bonding, molecular structure, chemical reactions, heat and energy, rates and equilibrium, acids and bases, light, electrochemistry, polymers and biochemistry. Lab must be taken concurrently. **Corequisite:** CHE 142L; **Offered** both semesters.

CHE 142L Molecules Laboratory (1)

This course is the laboratory to accompany CHE 142. **Corequisite:** Must accompany CHE 142; **Offered** both semesters.

CHE 211 Quantitative Analysis (3)

This course explores the theory and practice of volumetric, gravimetric and instrumental methods of analysis. **Prerequisite:** CHE 101/102 and one semester of college mathematics except MAT 101; **Corequisite:** CHE 211L

CHE 211L Laboratory (2)

This course involves six hours of laboratory. **Corequisite:** CHE 211

CHE 219 Organic Chemistry (3)

This course is a survey of the functional groups germane to organic chemistry. In particular emphasis is placed on the physical properties, nomenclature, conformation, synthesis and reactions of alkanes, alkenes, alkynes, aromatic rings, alcohols, aldehydes and ketones. Additionally, the recognition of isomers from constitutional stereoisomers such as enantiomers and diastereomers is also stressed. **Prerequisite:** CHE 101-102; CHE 219L or permission of instructor; **Corequisite:** CHE 219L

CHE 219L Laboratory (1)

This lab emphasizes purification techniques central to organic chemistry such as recrystallization, distillation (simple and fractional), extraction, chromatography (column and thin layer), and chemical modification. Also, several syntheses are chosen to illustrate lecture material such as, but not limited to, ester synthesis, electrophilic substitution of an aromatic ring, saponification, and reduction of carbonyl compounds. It consists of three hours of lab a week. **Corequisite:** CHE 219

CHE 220 Organic Chemistry II (3)

This course is a continuation of CHE 219. The physical properties, nomenclature synthesis and reactions of amines, carboxylic acids and its derivatives, ethers, epoxides, sulfides, conjugated systems, aromaticity and enols are studied. The theory and application of a variety of spectroscopic (infrared, nuclear magnetic resonance and mass spec) methods are also covered. **Prerequisite:** CHE 219; **Corequisite:** CHE 220L

CHE 220L Laboratory (1)

This lab emphasizes the reactions that are covered in lecture and places an importance on mastering spectroscopic methods such as IR and NMR. It consists of three hours of lab a week. **Corequisite:** CHE 220

CHE 303 Biochemistry (3)

This one semester course emphasizes structure/function relationships among the components responsible for the biochemical functions of life. Topics include proteins, enzymes, carbohydrates, bioenergetics, metabolism (catabolisms and anabolism), lipids, membranes, nucleic acids, biotechnology, biochemical methods, vitamins and nutrition. **Prerequisite:** BIO 101/102 and CHE 219 or chemistry majors that have completed CHE 220; **Offered** both semesters and often in the first summer session.

CHE 303L Biochemistry Laboratory (1)

This laboratory supports the CHE 303 lecture course. Students required to take CHE 303 are also required to take CHE 303L (except for physician assisting students). **Corequisite:** CHE 303; **Offered** both semesters.

CHE 311 Physical Chemistry I (3)

This is the first semester of the introductory course in physical chemistry. Areas of study include quantum mechanics: history, Bohr atom, Schrödinger Equation, particle in a box, rigid rotor, simple harmonic Oscillator, hydrogen atom, MO theory; classical thermodynamics: Gibbs chemical potential, phase equilibria, electrochemistry, irreversible processes. **Prerequisites:** CHE 102, MAT 125-126, PHY 101-102 (preferred) or PHY 111-112; MAT 202 strongly recommended

CHE 312 Physical Chemistry II (3)

This is the second semester of the introductory course in physical chemistry. Areas of study include statistical thermodynamics: Maxwell-Boltzmann distribution, partition function, thermodynamics functions, ideal gas, Einstein solid; spectroscopy: interaction of light with matter, Einstein coefficients, selection rules, atomic and molecular spectra, lasers; kinetics: rates, microscopic reversibility, steady state, collision theory. **Prerequisite:** CHE 311

CHE 313 Physical Chemistry Lab (2)

This is the laboratory course which complements the offering in physical chemistry. Students perform experiments illustrating the major areas of physical chemistry: quantum mechanics, classical thermodynamics, statistical thermodynamics, spectroscopy and chemical kinetics. **Prerequisite:** CHE 311; **Prerequisite or corequisite:** CHE 312

CHE 331 Analytical Chemistry (4)

This is a first course in analytical chemistry emphasizing the basic concepts and laboratory techniques underlying quantitative analysis including analysis of quantitative measurements, simple and complex solution equilibria, volumetric and gravimetric techniques, electrochemistry, redox and potentiometric titrations, separations, and elementary photometric techniques. **Prerequisites:** MAT 122 or equivalent pre-calculus preparation; **Prerequisite or corequisite:** CHE 219/219L

CHE 332 Instrumental Analysis (4)

This course will examine the basic tenets and applications of modern analytical instrumentation and their use in determining a wide variety of pertinent analytical data. Topics such as UV/Vis spectrometric methods, atomic absorption and emission spectrometry, gas chromatography, mass spectrometry, luminescence and fluorescence spectrometry, HPLC, capillary electrophoresis, surface analysis and electrochemistry will be covered. **Prerequisites:** CHE 220/220L and CHE 331

CHE 389/390 Special Topics in Chemistry (3)

This course presents an opportunity to study a selected topic in chemistry. Topics can originate with faculty or students. **Offered as needed.**

CHE 401 Inorganic Chemistry (3)

This is an intermediate course in inorganic chemistry suitable for the junior or senior level student. The course contains a detailed review of atomic structure and bonding, as well as a discussion of group and molecular orbital theories. This course also provides a brief synopsis of organometallic chemistry and catalysis. **Prerequisite: CHE 220/CHE 220L and its prerequisite courses**

CHE 412 Spectroscopy (3)

This is one-semester course in the fundamentals of spectroscopy. This course will cover ultra-violet spectrometry, mass spectrometry, infrared spectrometry, proton (H) magnetic resonance (NMR) spectrometry, ¹³C NMR spectrometry, correlation spectrometry (1H-1J COSY AND 1-13c COSTY) and spectrometry of other important nuclei (e.g., ¹⁹F and ³¹P) to aid in the elucidation and structural confirmation of a wide variety of organic molecules and/or biologically relevant molecules. **Prerequisites: CHE 101/101I-102/102I, CHE219/219I-220/220I and CHE 303/303L**

CHE 421 Organometallic Chemistry (3)

This is an introductory survey course in organometallic chemistry, which combines organic chemistry with inorganic chemistry. The course will include a general overview of the basics of inorganic and organometallic chemistry with an emphasis on current research and industrial processes. **Prerequisite: CHE 219/219L and CHE 220/220L as a pre or corequisite.**

CHE 407/408 (1,2 or 3)**(407 for the fall semester, 408 for the spring)**

This course provides an introduction to research. While it is expected that most participants will be students majoring in chemistry, sufficiently motivated and prepared students from all majors can be admitted. Students will work on experimental projects under the individual supervision of a faculty member. **Prerequisites: Third- or fourth-year chemistry major students or by permission of instructor**

CHE 450 Research (2 or more credits)

Research is conducted in an area selected in consultation with the staff members. **Prerequisite: Senior standing; May be taken in either or both semesters; Offered as needed.**

CHE 479/480 Independent Study (1, 2, 3)

Qualified students may investigate selected topics with permission of the instructor.

CHI 101 Chinese Level I (3)

This is a foundation course aimed at enabling students to communicate in modern Mandarin Chinese for everyday purposes. Basic skills of listening, speaking, reading and writing will be developed with a focus on modern Chinese characters and basic sentence patterns. Students will be exposed to authentic language environments and provided with opportunities to practice their language skills. Though designed for students with no previous formal training in Chinese, this course can also be taken by students with some Chinese language backgrounds to further their communication skills.

CPC 022 College Prep Chemistry (noncredit)

This is a course which prepares students without an adequate chemistry background (either no high school chemistry or demonstrated need based on Learning Center testing and consultation with the instructor) to undertake the chemistry required by their major program. The course may be taken by any student with permission of instructor. **Offered in late summer, fall and spring semesters.**

CSC 110 Computers and Computing (3)

This is an introduction to the fundamental ideas of computers and their implementation: operating systems, software applications and some elementary programming. **Prerequisite: MAT 101, a placement test score indicating mastery of the MAT 101 material, or permission of instructor; Offered both semesters; (Not open to those with credit in CSC 151.)**

CSC 151 Introduction to Computer Programming (3)

This is an introduction to computer programming using Pascal: program structure, procedures, functions, loops, if then else, arrays and records. **Prerequisite: MAT 101, a placement test score indicating mastery of the MAT 101 material, or permission of instructor; Offered as needed.**

CSC 161 Introduction to Multimedia (3)

This course introduces the basic principles of computer graphics, animation, sound processing and video processing, and provides a working knowledge of current multimedia applications and hardware. **Prerequisite: CSC 110 or equivalent or permission of instructor; Offered as needed.**

CSC 241 Data Structures (3)

This course is a study of the manipulation of data structures, stacks, queues, lists, linked lists and trees. Other topics covered are integration of data structures and efficient algorithms of sorting, merging and searching in a data base or file management system. **Prerequisite: CSC 151; Offered as needed.**

CSC 389/390 Special Topics in Computer Science (3)

This course presents an opportunity to study a selected topic in computer science. Topics originate with faculty or students. **Offered as needed.**

DAN 101 Introduction to Dance (3)

The student is acquainted with the principles and historical aspects of the world of classical and theatrical dance and their implications for developmental movement, creative expression and educational activities.

DAN 210 Introduction to Ballet (3)

Students are acquainted with two basic methods of classical ballet, Cecchetti and Vaganova. Students learn theories of movement of the body in dance, French terminology, barre, centre floor, adage, allegro and enchainements. This course follows a graded syllabus for participation.

DAN 300 Elements of Dance Composition (3)

Brief lectures on historical figures in dance combined with video presentations of significant choreographic works set the stage for each class topic. Exploring the basic elements of time, space and energy with structured exercises that will challenge the student to explore new directions in movement. Sharing and discussing choreographic studies will provide a stimulating experience. **Offered as needed.**

DAN 305 Dance Performance and Technique (3)

This course offers students an opportunity to develop an appreciation for choreography and dance ability through practice. Emphasis will be given to refining traditional movement exercises and choreographic endeavors in ballet, modern and jazz technique. **Prerequisite: DAN 300 or permission of instructor**

DTC 205 Food Science (3)

This fundamental course explores the basic principles of food preparation. The emphasis of this course is food chemistry, the function of ingredients and food preparation skills. The course consists of two lecture hours and two lab hours. Open to all students. **Prerequisite: High school chemistry; Offered in the fall semester.**

DTC 210 Cultural Foods (2)

Social, cultural and psychological factors which influence diet behavior are studied. Management of money, time, labor and resources in planning and preparing nutritionally adequate meals is examined. The course consists of one lecture hour and two lab hours. **Offered in the spring semester.**

DTC 306 Principles of Nutrition (3)**Cross listed with NTR 325**

Fundamental knowledge and theory of nutrients, their metabolism, food sources, function and importance during all stages of the life cycle is taught. The course consists of three lecture hours. **Prerequisite: CHE 102; Offered in fall and spring semesters.**

DTC 309 Food Service Management I (2)

This introduction to the structure and function of a food service department discusses food service subsystems from a departmental perspective. Basic concepts of menu planning, purchasing, receiving, production and service are presented. The course consists of two lecture hours. **Prerequisites: MGT 305, DTC 205; Offered in the fall semester.**

DTC 309L Quantity Food Preparation (2)

Concepts and applications of the principles of quantity food preparation and service are presented and technical skills needed for preparing and serving meals to large groups are developed. Students are introduced to the use and maintenance of institutional equipment. The course is one lecture hour and two lab hours. **Corequisite: DTC 309; Offered in the fall semester.**

DTC 319 Nutritional Biochemistry (3)

This course explores the role of nutrients in the physiological and biochemical processes of the body as well as nutrient needs of healthy individuals. The course is three lecture hours. **Prerequisites: BIO 303, BIO 108, DTC 306; Offered in the spring semester.**

DTC 327 Nutrition Throughout the Life Cycle (3)

This course examines the changing nutritional needs of humans throughout the age spans. Students explore normal nutritional needs from reproduction, initial growth and development, through final maturity. Specialized nutrition needs, as they relate to age, such as eating disorders, developmental delays and activity levels are also examined. This course is three lecture hours. **Prerequisite: DTC 306 or NTR 325 or permission of the instructor; Offered in the fall semester.**

DTC 328 Nutrition for Fitness and Athletic Performance (2)

This course offers a practical introduction and application to basic sports and exercise nutrition. Nutritional needs and assessment for both the conditioned and non-conditioned athlete are addressed. In addition, conditions requiring special consideration are included, such as pregnancy, sports throughout the life cycle, cardiovascular diseases, hypertension, diabetes, osteoporosis, eating disorders, and physical and mental disabilities. Finally, controversial issues of sport and exercise nutrition are addressed and include nutritional and non-nutritional factors that may influence athletic performance. This course is two lecture hours. **Prerequisite:** DTC 306 or NTR 325 or permission of instructor; **Offered in the spring semester.**

DTC 410 Food Service Management II (2)

This course reviews food service subsystems from an organizational perspective. Principles of financial control of food and labor, techniques for analyzing and managing costs, development of a business plan, and personnel selection, training and management are introduced. This course is two lecture hours. **Prerequisites:** DTC 309, DTC 309L; **Corequisite:** DTC 410SP; **Offered in the spring semester.**

DTC 410SP Food Service Management Supervised Practice (1)

This course provides practice in food service management, including food service subsystems (purchasing, receiving and inventory control, production, and service), marketing, quality management, financial control, personnel and labor issues, and facility layout and design. Students develop management skills through structured field experiences and projects, case studies, computer applications, and laboratory experiences. This course consists of three supervised practice hours per week. **Prerequisites:** DTC 309, DTC 309L; **Corequisite:** DTC 410; **Open to majors only; Offered in the spring semester.**

DTC 420 Introduction to Nutrition Assessment (3)

This course introduces students to the profession and practice of dietetics. Students are taught basic nutrition assessment and patient care skills. This course is three lecture hours. **Prerequisite:** DTC 319; **Corequisite:** DTC 420SP; **Open to majors only; Offered in the summer.**

DTC 420SP Introduction to Nutrition Assessment Supervised Practice (1)

In this course, students provide basic nutritional care to patients in a hospital, under the supervision of a clinical instructor. This course consists of eight supervised practice hours per week. **Prerequisite:** DTC 319; **Corequisite:** DTC 420; **Open to majors only; Offered in the summer semester.**

DTC 425 Diet Therapy (2)

Designed for the nondietetics major, this course examines nutrition and diet therapy, including nutrition assessment, the physiological and biochemical bases of nutrition care, therapeutic diets, medications and herbal supplements. Topics include nutrition intervention for diabetes, cardiovascular diseases, weight loss, surgery, cancer, AIDS, GI diseases, and hepatic and renal disorders. Enteral and parenteral nutrition are also presented. The emphasis of this course is the practical application of subject matter in the clinical setting. **Prerequisite:** DTC 306 or NTR 325; **Open to nondietetics majors only; Offered in the fall semester.**

DTC 511 Applied Nutrition Therapy I (2)

This course presents the biochemical and physiological basis for nutrition interventions in treating disease, including malnutrition, anemia, surgical nutrition, diabetes and cardiovascular nutrition. Students are taught theory and practice in nutritional assessment and intervention with emphasis on practical applications. This is the first semester of a two-semester course. This course consists of two lecture hours. **Prerequisites:** DTC 420, DTC 420SP; **Open to majors only; Offered in the fall semester.**

DTC 511SP Applied Nutrition Therapy I Supervised Practice (2)

In this course, students assess and provide nutritional care to patients with diseases/conditions discussed in DTC 511. This course is six supervised practice hours per week. **Prerequisites:** DTC 420, DTC 420SP; **Corequisite:** DTC 511; **Open to majors only; Offered in the fall semester.**

DTC 512 Applied Nutrition Therapy II (2)

This course studies the biochemical and physiological basis for nutrition interventions in treating disease, including GI disorders, hepatic disorders, cancer, AIDS, renal disease and nutrition support. Theory and practice in nutritional assessment and intervention with emphasis on practical applications is provided. This course is a continuation of DTC 511. This course is two lecture hours. **Prerequisites:** DTC 511 and DTC 511SP; **Corequisite:** DTC 512SP; **Open to majors only; Offered in the spring semester.**

DTC 512SP Applied Nutrition Therapy II Supervised Practice (2)

This course provides practice in nutritional assessment and intervention care in the clinical setting for patients with diseases/conditions discussed in DTC 512. This course is six supervised practice hours per week. **Prerequisites:** DTC 511, DTC 511SP; **Corequisite:** DTC 512; **Open to majors only; Offered in the spring semester.**

DTC 521 Community Nutrition (2)

This course is a study of community nutrition needs and problems. The goals, organization and history of selected government and private programs are investigated. This course is two lecture hours. **Prerequisites:** DTC 420, DTC 420SP; **Corequisite:** DTC 521SP; **Open to majors only; Offered in the fall semester.**

DTC 521SP Community Nutrition Supervised Practice (1)

Supervised field work in community nutrition programs is provided in this course. Activities include on-campus projects, visits to community agencies, writing a grant, and development of a business plan. This course is a three supervised practice hours per week. **Prerequisites:** DTC 420, DTC 420SP; **Corequisite:** DTC 521; **Open to majors only; Offered in fall semester.**

DTC 526 Nutrition Education Methods (2.5)

The development, use and evaluation of methods and materials for teaching nutrition to different audiences is covered. Emphasis is given to program development in school, community and patient education settings. This course consists of two and a half lecture hours. **Prerequisites:** DTC 521, DTC 521SP; **Corequisite:** DTC 526 SP; **Open to majors only; Offered in the spring semester.**

DTC 526SP Nutrition Education Supervised Practice (0.5)

Supervised field work in the development, use, and evaluation of methods and materials for teaching nutrition to different audiences is offered. Nutrition education/interventions are provided in school, community, and patient education settings. This course is a half hour supervised practice hours per week. **Prerequisites:** DTC 521, DTC 521SP; **Corequisite:** DTC 526; **Open to majors only; Offered in the spring semester**

DTC 620 Nutrition Seminar (3)

This course provides an in-depth study of current developments in the practice of nutrition. Students review and critique research as it applies to practice and conduct professional self-assessment in order to improve the quality of nutrition care provided. This course follows a seminar format with individual study, group discussion and class presentations. This course consists of three lecture hours. **Prerequisites:** DTC 631, GRA 601; **Open to majors only; Offered in the spring semester**

DTC 631 Advanced Nutrition Practice I (8)

This supervised field work course offers practical clinical nutrition and management experiences at hospitals in the area, long-term care facilities, and community or commercial food service establishments. The course consists of four rotations: (1) critical care nutrition; (2) long-term care nutrition; (3) food service management in an institutional, commercial or community setting. Students are expected to function as a dietitian or manager (under supervision) providing a full range of food and nutrition services to their patients/residents/clientele. This course consists of 24 supervised practice hours per week. **Prerequisites:** Senior status, DTC 410, DTC 410SP, DTC 512, DTC 512SP, DTC 526, DTC 526SP; **Open to majors only; Offered in the fall semester**

DTC 632 Advanced Nutrition Practice II (8)

This course provides supervised field experiences in clinical and community nutrition. It is divided into four rotations: (1) pediatric nutrition; (2) clinical dietetics in an acute care setting; (3) community nutrition, and (4) specialty rotation. The specialty rotation is individualized for each student, providing additional experience in an area of nutrition of particular interest to the student. This course consists of 24 supervised practice hours per week. **Prerequisites:** DTC 521, DTC 521SP, DTC 631; **Open to majors only; Offered in the spring semester**

ECO 201 Principles of Economics—Macro (3)

This course explores the price system, public and private sectors, national income accounting, unemployment and inflation, fiscal policy, budget deficits and the public debt, money and banking and the Federal Reserve and monetary policy. This course meets the social sciences requirement in the core.

ECO 202 Principles of Economics—Micro (3)

This course explores supply and demand and the elasticity of supply and demand. It analyzes the degree and nature of competition in various market structures, the economic benefits derived from and the problems presented by big business conglomerates and multinationals and international trade and finance. The course meets the social science requirement in the core.

ECO 207 Statistics (3)

This is a general course to acquaint students with the elements and procedures of statistics. It includes the basic concept of statistical methods and analysis and functional use of descriptive and inferential statistical tools.

ECO 212 Personal Financial Management (3)

This is a comprehensive examination of personal financial management including insurance coverage of all types, investing, major purchases, retirement and estate planning.

ECO 328 Money and Banking (3)

This course explores the monetary and banking theory. It covers the nature of money, the functions of bank reserves, currency and banking history. Federal Reserve System and its interrelationships with the commercial banking systems as well as foreign exchange transactions are explored. **Prerequisites:** ECO 201, 202; **Offered in the fall semester.**

EDU 101 Seminar in Education (1)

This course provides students in the integrated B.A.+M.S. program with an introduction to problems, issues and concerns in education. Field experience is an integral part of this one-credit seminar course.

EDU 102 Seminar in Education (1)

This one-credit course is a continuation of the EDU 101 seminar. Students meet to discuss issues and concerns in education and plan and implement field experiences.

ENG 091 English as a Second Language (3)

This is a two-semester course designed for students whose native language is one other than English and who have some previous knowledge of English. Instruction is given in order to understand, speak, read and write English. Individual conferences are part of this course. Credit is not applied to academic concentration or related field. **Offered as needed.**

ENG 092 English as a Second Language (3)

This course is a continuation of ENG 091. **Prerequisite:** ENG 091

ENG 111/112 English Communication (3, 3)

This basic freshman English course includes theory and practice in writing, the development of skills in interpreting literature and practice in oral presentations. **Offered both semesters.**

ENG 201 English Literature: Beginnings to 1798 (3)

This survey course focuses on dominant literary trends and major authors, such as Chaucer, Spenser, Donne, Jonson, Milton, Bacon and Pope. **Offered as needed.**

ENG 202 Nineteenth and Twentieth Century English Literature (3)

This survey course focuses on dominant literary trends and major authors, including the Romantics, the Victorians and modern authors such as Yeats, Eliot, Joyce and Lawrence. **Offered as needed.**

ENG 203 Short Story (3)

This course is a systematic presentation of the ways of understanding and appreciating fiction. Students analyze, step-by-step, the meaning and techniques of a rich and varied selection of short stories. **Offered as needed.**

ENG 211 American Literature: Beginnings to 1865 (3)

This is a survey course in American literature from its beginnings through the Civil War. Representative authors include Franklin, Irving, Emerson, Thoreau, Hawthorne, Poe, Melville and Whitman. **Offered as needed**

ENG 212 American Literature: 1865–Present (3)

This is a survey course in American literature from the Civil War to the present day. Representative authors include Twain, James, Chopin, Eliot, Pound, Fitzgerald, Hemingway, Faulkner, Hughes, Bellow, Baldwin, Oates and Morrison. **Offered as needed.**

ENG 213 Drama (3)

This course examines the expression of human concerns in dramatic form. It is designed to make play-giving and play-reading enjoyable and enriching experiences. Selected plays are examined with emphasis on 20th century playwrights. **Offered as needed.**

ENG 215 World Literature I (3)

This survey course in literary classics offers a variety of genres from non-English speaking cultures, from 0000 the ancient Greeks and Romans to continental European literature before 1800. A representative sampling of pre-19th century literature from the Far East will also be included.

ENG 216 World Literature II (3)

This is a survey of recent literature, drawn from outside the English speaking world, which both contributes to and critiques the dominant 20th century Anglo-American tradition. **Offered as needed.**

ENG 217 Essentials of Poetry (3)

This course explores the nature, variety and values as well as the enriching experience and understanding of poetry. A study of selected poems by principally modern poets. **Offered as needed.**

ENG 218 Minority Voices in American Literature (3)

This is a survey of American literature that is written by and about ethnic minorities, including African Americans, Native Americans and others. **Offered as needed.**

ENG 221 The Novel (3)

This genre course in the novel focuses on the enduring human themes and concerns expressed in the dominant literary form of this age. **Offered as needed**

ENG 231 Advanced Writing I (3)

This course explores the science of writing expository and persuasive prose in a clear, organized manner. Advanced instruction in logical arrangement, writing for specific audiences and effective rhetorical techniques is given. Conferences help students to overcome individual writing problems. **Prerequisite:** ENG 112 or equivalent; **Offered as needed**

ENG 232 Creative Writing I (3)

This workshop course is designed to develop imaginative perception and verbal deftness through exercises in creative writing. All generic types are encouraged including poetry, fiction, drama and poetic prose. (This fulfills the humanities core requirement as a fine arts course.) **Prerequisite:** ENG 112 or permission of instructor; **Offered as needed.**

ENG 233 Journalism (3)

This course follows a writing workshop format and provides an introduction to print journalism and the techniques of news writing, including desktop publishing on the Macintosh, copy-editing skills, newspaper terminology and newsroom operations. It includes an overview of the historical, economic, ethical and legal contexts affecting the journalist in a free society. **Prerequisite:** English 112 or permission of instructor; **Offered in the fall semester of odd-numbered years.**

ENG 234 Technical Writing (3)

This course provides a basic introduction to technical writing style, formats and primary research techniques in a writing workshop format. It includes introduction to designing and integrating computer graphics with word processed reports, instructions, descriptions, product comparisons, resumés and other writing tasks conducted in professional settings. It also includes an intensive review of writing mechanics and editing. **Prerequisite:** English 112 or permission of instructor; **Offered as needed**

ENG 235 Public Relations Writing (3)

This workshop course develops the craft of writing from the perspective of a business or institution in order to inform or persuade the public. It introduces the student to press releases, newsletters and feature writing. It explores the designing of public relations campaigns, creative ads and media scripts, and teaches students how to integrate text and graphic art on the computer and how to use professional editing techniques. **Prerequisite:** English 112 or permission of instructor; **Offered as needed**

ENG 300 Women Writers (3)

This course brings together the artistic vision and contributions of outstanding women writers. The focus is on how women writers view women and the concerns of their time. Possible authors include Gwendolyn Brooks, Virginia Woolf, Katherine Mansfield, Joyce Carol Oates, Flannery O'Connor, Katherine Anne Porter, Eudora Welty and Sylvia Plath. **Offered as needed.**

ENG 301 Romanticism (3)

This study of early 19th century English literature explores the works of major poets such as Blake, Wordsworth, Coleridge, Byron, Shelley and Keats as well as selected works of prose that reflect romantic thought. **Prerequisite:** ENG 112; **Offered as needed**

ENG 302 Shakespeare (3)

This course studies close textual work with representative tragedies and comedies accompanied by an overview of the development of Shakespeare's art and Shakespeare criticism. **Prerequisites:** ENG 112; **Offered each spring**

ENG 308 Medieval Literature (3)

The era of Chaucer, like that of Shakespeare, was one of intense literary activity and experimentation. This course will focus primarily on two or three authors from each period, including Chaucer and the Gawain-poet Spenser, and Sidney, with short prose readings to flesh out the historical and intellectual contexts of both eras. **Prerequisites:** ENG 112; **Offered as needed**

ENG 309 Renaissance Literature (3)

Students will study the lyric poetry of Donne, Jonson, Herbert, Vaughn, Marvell, Herrick, Milton's sonnets and *Paradise Lost*, as well as prose selections exploring the bases of human knowledge and the routes to knowledge of God. **Prerequisites:** ENG 112; **Offered as needed**

ENG 310 Eighteenth Century Literature (3)

Students will study the prose and poetry of the neoclassical period from its rise to prominence in the Restoration Period through the 18th century. **Prerequisites:** ENG 112; **Offered as needed**

ENG 311 Themes in American Literature (3)

This course is an in-depth reading of several major American writers who explore a common literary theme. **Prerequisites:** ENG 112; **Offered as needed.**

ENG 313 Contemporary Writers (3)

This course is a study of post-1950 literature works that include popular fiction writers, poets and playwrights that reflect contemporary thought and life. **Prerequisite:** ENG 112; **Offered as needed.**

ENG 314 Art of the Film (3)

See FA 314. This course introduces students to the elements of filmmaking such as screenwriting, camera and lighting, performance, music and sound, editing and the role of the director. Feature films are used to study these elements. (This fulfills the humanities core requirement as a fine arts course.) **Prerequisite:** Sophomore, junior or senior status; **Offered as needed**

ENG 315 Modern British & American Writers (3)

This course intends to provide a coherent, intellectual study by illuminating some of the primary events and dilemmas of Anglo-American civilization of the recent past as pondered by important modern writers. **Prerequisites:** ENG 112; **Offered as needed.**

ENG 317 Myth and Literature (3)

This is a study of classical and medieval literature and its mythic roots. **Prerequisites:** ENG 112; **Offered as needed**

ENG 318 Modern Continental Literature (3)

This course is designed for students who are interested in European literature, but who want to elect a course given in English. Based on themes or works of universal interest, it gives students an opportunity to broaden their cultural horizons. **Prerequisites:** ENG 112; **Offered as needed**

ENG 322 Studies in the Novel (3)

This course is an in-depth examination of selected novels within their historical and theoretical contexts, and focuses on dominant thematic or formal concerns. **Prerequisite:** ENG 112; **Offered as needed**

ENG 323 Latin American Fiction in Translation (3)

This course is a survey of contemporary Latin American short stories and novels considered within the context of Latin American culture. **Prerequisites:** ENG 112; **Offered as needed.**

ENG 329 Major Authors (3)

This course covers the career and works of a single significant author in the English literary tradition, such as Milton, Chaucer, Melville and Austin. Authors will vary by instructor. It provides a study of the author's literary period and contemporaries. **Offered as needed.**

ENG 331 Advanced Writing II (3)

This is a continuation of Advanced Writing I with emphasis on the art of writing persuasive and expository prose. Students meet with ENG 231 students to provide reinforcements of rhetorical principles and a critical audience to respond to experiments in rhetorical technique. **Prerequisite:** ENG 231 or permission of instructor; **Offered as needed**

ENG 332 Creative Writing II (3)

Students are given advanced work in generic types of creative writing and develop a manuscript in one or more genres. The course may be taken as humanities fine arts core option. **Prerequisite:** ENG 232 or permission of instructor; **Offered both semesters**

ENG 334 Technical Writing II (3)

This is a workshop course that gives students practice in writing complex instructions, descriptions of mechanisms, proposals and scientific writing, and preparation of technical visuals. **Prerequisite:** ENG 234 or permission of instructor; **Offered as needed**

ENG 340 South Asian Literature in English (3)

An exploration of contemporary literature in English of South Asia (Bangladesh, India, Nepal and Pakistan), this course examines how writers respond and contribute to the evolving cultural and political issues of late colonial and postcolonial South Asian life.

ENG 341 SubSaharan African Literature in Translation (3)

This is a survey course of contemporary subSaharan African literature, including fiction and poetry. All work will be anglophone or in translation.

ENG 342 Magical Realism (3)

This course will trace the development of the Latin American fiction style known as "magical realism" from the early 1920s to contemporary novels. Writers may include Carpentier, Arlt, Lispector, Bombal, Borges, Garcia-Marquez and Allende.

ENG 343 Caribbean Literature (3)

This course is a survey of modern and contemporary Caribbean or West Indian (Barbados, Cuba, Dominican Republic, Grenada, Guyana, Haiti, Jamaica, St. Kitts, St. Lucia, Trinidad & Tobago) literature. Literature will be anglophone or in translation.

ENG 344 Comparative Literature and Aesthetics (3)

This course will provide a firm grounding in the theory and structure of comparative literature and culture in the 20th century. Students will study theories of translation and be asked to conceptualize national and regional literatures in relation to larger contexts offered by formalist and structuralist readings of world literature.

ENG 406 Critical Theory (3)

Students practice the application of the principles of literary criticism and of the norms of aesthetic values in literature. **Prerequisite:** Minimum of two semesters of literature; **Offered as needed**

ENG 409 or 410 Variable Topics in Literature (3)

This is a variable topic seminar that deals with selected themes or authors as announced when the course is offered. **Prerequisite:** ENG 112; **Offered as needed**

ENG 432 Creative Writing III (3)

Students are given in-depth work in types of creative writing and develop a manuscript in a chosen genre. **Prerequisite:** ENG 332 or permission of the instructor; **Offered both semesters**

ENG 444 Internship (3-12)

The English internship is a variable credit (312 hours) required course that encourages juniors/seniors to investigate a career through a placement in a professional setting or in development of future projects (graduate study). This allows students to work under guidance of an immediate supervisor and/or a college faculty sponsor. **Offered as needed.**

ENG 450 Senior Project Portfolio (3)

This course offers students the opportunity to produce a professional writing portfolio. The portfolio will reflect all the major and/or relevant areas of writing expertise.

ENG 479/480 Independent Study

Qualified students may investigate selected topics with the permission of an instructor. The title reflects the course content.

ESS 101 Introduction to Exercise and Sports Studies (3)

This course introduces students to many sub-disciplines of exercise and sports science. An interdisciplinary approach will be used to explore the physiology of exercise and physical activity and metabolism, as well as the biomedical, psychological and sociological dimensions of physical activity, sport and health. Students will study a range of topics including links between physical activity and cardiovascular health, ties between physical activity and mental health, optimum nutrition and metabolism, prevalence and psychology of sports injury, physical fitness testing and assessment, use of anabolic steroids and performance-enhancing drugs, and sociological dimensions of sports and exercise. Issues that will be covered include gender and sports, ethical and moral topics in exercise science, and cultural influences pertaining to physical activity and epidemiology. This course is organized in a lecture/discussion format and students will develop a research overview project that covers relevant research literature in a scholarly and professional area of interest.

ESS 201 Principles of First Aid, Safety and Athletic Injury (3)

This course is designed to familiarize students with the basic knowledge regarding the immediate and temporary care of athletic- and sports-related injury and illness. Safety concerns regarding exercise facilities and equipment, risk management and development of an emergency action plan will also be emphasized, as well as, recognition and care for both major and minor injuries and illnesses. The present course will also stress issues pertaining to professional certification, medical liability and other legal issues regarding the health, fitness and competitive sports industries. Upon completion of this course, students will also gain certification in community first aid, CPR and AED use through the American Red Cross.

ESS 270 Exercise and Sports Studies Practicum (3)

This course gives students the opportunity to gain practical experience in the health and fitness industry and to explore the career option available in the field of exercise and sports studies. Students will research the various career pathways open in the exercise and sports field through both secondary sources and documented first-hand observation of various internship sites in educational settings, community-based athletic programs, fitness centers, sports medicine clinics, newspapers, athletic teams or corporate settings. The student will work on the direction of a professional in the field. Periodic meetings with instructor and class time will allow the student to discuss his or her experience and to share in the experiences of others placed in alternative settings.

ESS 301 Fitness Evaluation and Exercise Prescription (3)

This course is designed to familiarize students with the theoretical background and practical applications needed to competently assess levels of physical fitness and wellness. Course content is highly focused toward the knowledge and skills required for ACSM Health Fitness Instructor (HFI) and NSCA Certified Strength and Conditioning Specialist (CSCS) certification exams. **Prerequisite:** ESS 201

ESS 306 Physiology of Exercise (3)

This course serves to develop in students an intimate understanding of systemic and metabolic physiology within the physically active individual. Students will gain a thorough understanding of various body systems and the acute responses and chronic adaptations that occur as a result of exercise stress. Overall, students will develop a basic knowledge and understanding of the functional limitations of the human organism during exercise as it relates to the many sub-disciplines of exercise physiology, including respiratory physiology, skeletal muscle physiology, cardiovascular physiology, neuromuscular physiology and exercise endocrinology.

ESS 389 / 390 Special Topics in Exercise & Sport Studies (3)

This course will highlight current and emerging trends relative to the exercise and sports studies field. At the time of offering, a subtitle will indicate the specific content of the course.

ESS 410 Special Topics (3)

This course will address current and emerging topics and trends transcending our society. Course content will evolve with the ever-changing dimensions of physical activity, health and athletics. Topics included in this course will change in order to best address current and pertinent issues in ESS.

ESS 470 Exercise and Sports Studies Internship (3)

This course provides students with the opportunity to gain hands-on experience in the field of sports and fitness. By agreement of the instructor, student and community internship site supervisor, the student will volunteer for approximately 15 hours per week (i.e., A total of 225 hours for the semester) at a designated internship site. Depending on student interests, internship sites may be located in educational settings, community-based athletic programs, fitness centers, sports medicine clinics, newspapers, professional/collegiate/amateur athletic teams and organizations or corporate settings. The student will work under the direction of a professional in the field. Periodic meetings allow the student to discuss his or her experiences and to share in the experiences of others placed in alternative settings.

ESS 490 Exercise and Sports Studies Seminar (0)

This course provides the student with extensive faculty and peer guidance and feedback throughout a research or community-based internship experience.

FA 105 Introduction to Photography (3)

Intended for the beginner, this course teaches principles of design in composition, printing and display. Topics include camera handling, lighting, film and film development. Ownership of a camera is required. **Offered both semesters.**

FA 205 Drawing (3)

This basic course emphasizes the elements and principles of design and composition as applied to a variety of drawing techniques. It is a studio course that uses a variety of media including still life, nature and the human figure. **Offered fall semester.**

FA 210 Design (3)

This introduction to the study and application of design in the visual arts: focuses on problem solving and using principles of two and three dimensional design. **Offered spring semester.**

FA 218 History of Western Art (3)

This course studies the major trends in the visual arts of Europe from antiquity to the present. Forms, symbols and images of the artistic styles will be illustrated on selected works of each historical period. **Offered as needed.**

FA 305 Painting (3)

This course is an introduction to oil painting with emphasis on understanding color, paint handling and observation. Attention is given to the approach of painters, both past and present, through periodic slide presentations. **Prerequisites:** FA 105, 205, 210, or equivalent/portfolio; **Offered as needed.**

FA 314 The Art of the Film (3) See ENG 314

This introduction to the elements of filmmaking includes screenwriting, camera and lighting, performance, music and sound, editing and the role of the director. Feature films are used to study these elements. **Prerequisite:** Sophomore, junior or senior status; **Offered as needed.**

FA 320 History of Visual Arts in America (3)

This is a survey of painting, sculpture and architecture of the United States from the colonial period to the present with emphasis on the evolution of styles of the 19th and 20th centuries. **Offered as needed.**

FA 327 Modern Art (3)

The development of major European and American styles in architecture, painting and sculpture in the last two centuries, from neoclassicism to contemporary trends is studied. **Offered as needed.**

FA 330 Frank Lloyd Wright and American Architecture (3)

The architecture of Wright in the historical context of modern American architecture is examined. The course explores his precursors and his impact on and debate with future tendencies. **Offered as needed.**

FRE 101 French Level I (3)

This course is for beginners or those with one year or less of high school French, who need to strengthen basic understanding, speaking, reading and writing skills. **Offered as needed.**

FRE 102 French Level II (3)

This course is a continuation of FRE 101. **Prerequisite:** FRE 101 or two years high school French; **French or permission of instructor**

FRE 201 French Level III (3)

This course further develops basic concepts and more intensive drills in basic skills. **Prerequisite:** FRE 102 or three years high school French; **Offered as needed.**

FRE 202 French Level IV (3)

This course is a continuation of FRE 201. **Prerequisite:** FRE 201 or four years high school French or permission of instructor; **Offered as needed**

GER 605 Aging in American Society (3)

This course covers the social implications of aging, as well as the biological and psychological issues. Other topics covered are aging and interpersonal relationships, work and retirement, the economics of aging, sexuality in old age and race/ethnicity. **Prerequisites:** GRA 615 and GRA 616; **Offered in the spring semester.**

GLS 101 Global Culture: Government, Technology, and Social Thought (3)

This course offers analysis of political philosophies and governments in the modern world, promotes cross-cultural understanding, reviews racial, ethnic and sexual issues from a minority-majority perspective, and deals with issues of discrimination and oppression. The course will cover world history leading up to the current diffusion of population and the emergence of modern forms of communication and transportation that provide the possibilities for transnational cultures and also provide the target for local ethnic and religious responses against these globalizing cultural trends. **Satisfies upper-level history course (non-North American)**

GLS 102 Global Culture: Literature, Philosophy and the Arts (3)

Multiple perspectives and modes of representation of global issues are examined using a variety of sources in order to equip students with the skills to analyze and evaluate different artistic representations and interpretations. This course explores topics in literature and the arts that are international in scope, whether through specific influences or in response to historical, philosophical, political and aesthetic developments.

GLS 344 Study Abroad (1-12)

An independent research project is conducted in a foreign country. Students will work individually with a program faculty advisor to devise a suitable course of study. This may involve participation in coursework at a foreign institution, subject to approval by the global studies advisory committee. **Prerequisites:** Junior or senior status and minimum 2.0 G.P.A.

GLS 444 Internship (3-12)

The global studies internship is a variable credit (3-12 hours) required course that encourages juniors/seniors to investigate a career through a placement in a professional setting or in development of future projects (graduate study). This allows students to work under guidance of an immediate supervisor and/or a college faculty sponsor. **Offered as needed.**

GRA 600 Theory Development (3)

This course is a critical analysis of the processes involved in the development of theory. It includes a perspective of the underlying philosophical and historical trends in the development of theory. Emphasis is placed on the processes of concept analysis, components of theories, relationships and the relationships between research, practice and theory. Social, ethical and value problems related to the development of knowledge are examined. **Prerequisite:** Graduate standing; **Offered in the fall, spring, and summer semesters.**

GRA 601 Research Methodology and Design (3)

This course reviews and critically analyzes components of research design, including collection of data. Emphasis is placed on the professional as producer and consumer of research. **Prerequisite:** *GRA 600, and Applied Statistics or equivalent or competency test; Offered in the fall, spring and summer semesters.*

GRA 602 Statistics Seminar (1)

This specialized course is designed to provide students with the intermediate level statistics information needed to enroll in GRA 601. It includes two hours of computer laboratory per week. **Prerequisite:** *Graduate standing and previous statistics course; Offered in the fall, spring and summer semesters.*

GRA 606 Curriculum Development (3)

This course is an overview of past and present curricular trends and development processes. Principles and techniques of curriculum design, development, implementation and evaluation in baccalaureate programs are explored. **Prerequisite or corequisite:** *GRA 600; Offered in fall semester.*

GRA 607 Teaching Strategies (3)

This course is a synthesis of learning acquired in clinical, field experience, education and research courses. The art, principles and strategies of teaching in higher education programs are explored. Emphasis is placed on class and clinical/field learning experiences and evaluation of students, courses, and programs. **Prerequisite:** *GRA 606; Offered in spring semester.*

GRA 608 Teaching Practicum (3)

Students will observe, participate in and practice teaching. Nursing and related allied health professions students are placed in appropriate discipline specific college and/or clinical laboratory teaching situations. Weekly seminars enable students to synthesize previous learning and to discuss teaching strategies, clinical/field evaluation and problems associated with college teaching. Teaching practicum requires approximately six to eight hours a week during the day (some limited evening placements) for ten weeks. **Prerequisite:** *GRA 606, GRA 607; Offered in the fall and spring semesters.*

GRA 610 Thesis Seminar (3)

This course involves a discussion of current research in the profession. Students will identify and delineate a research problem and develop a thesis proposal. **Prerequisites:** *GRA 601 and NUR 603 (nursing majors); Offered in the fall, spring and summer semesters*

GRA 617 Financial Management of Health Care Systems (1)

This course explores financial management techniques for health care administration such as budgeting, auditing, cost analysis, statistical reporting and fiscal control. Special emphasis is placed on long-term care areas. **Prerequisite:** *GRA 615; Offered in the fall semester*

GRA 618 Effective Planning in Health Care Services (1)

In this course, students plan for the delivery of health care services, both at the systems level (area, community, region, state and national) and at the organizational level (institutional program). Emphasis is placed on analytical techniques and the dynamics of the planning process. **Prerequisite:** *GRA 615 Offered in the fall semester.*

GRA 619 Funding of Health Care Facilities (1)

This course identifies funding sources available for support of health care facilities. Private and public funding sources are explored with a special focus on grant writing styles and strategies. **Prerequisite:** *GRA 615; Offered in the fall semester*

GRA 620 Management Internship in Health Care (3)

Students will gain practical experience in an on-the-job situation at the management level in a health care facility or service area. The internship will require 90 hours during the semester. **Prerequisites:** *GRA 616 and NUR 603 (nursing majors); Offered in the fall and spring semesters.*

GRA 621 Applied Research Methods (3)

This course includes the relationships between theory, research and practice. Its perspective is on the utilization of theory to frame research questions for applied research problems. The review and critical analysis of components of applied research designs are to prepare the student to be a producer and consumer of applied research. **Prerequisites:** *Graduate standing; undergraduate computer course or equivalent; applied statistics competency (written exam); Offered in the spring semester.*

GRA 622 Applied Research Project Seminar (2)

This course prepares the student to complete an applied research project. Current research is examined to identify appropriate areas of inquiry for students in a professional program. **Prerequisite:** *GRA 621; Offered in the spring semester.*

GRA 629 Thesis Advisement (1-6)

This course provides for a systematic investigation of a research problem selected by the student as an independent learning situation with faculty guidance. A student thesis will be completed according to the guidelines in the D'Youville College thesis handbook. Students must register for their thesis director's section. **Prerequisite:** *GRA 610; Offered in the summer semester.*

GRA 630 Advanced Statistical Methods in Applied Research (3)

This course explores statistical design and data analysis in the areas of descriptive and inferential statistics. Students are expected to bring their own set of data to the course and learn the process of computerized data entry and data analysis using SPSS/PC+ or MINITAB for advanced statistical computing. Students analyze their own thesis data, produce advanced statistical results and write interpretations of their work. This course consists of two hours of lecture and two hours of lab. **Prerequisite:** *GRA 610, MAT 123 or equivalent to statistics; Offered in the spring semester.*

GRM 101 German Level I

This course is for beginners or those with one year or less of high school German, who need to strengthen basic understanding, speaking, reading and writing skills. The culture and history of German-speaking peoples is also introduced. **Offered as needed.**

GRM 102 German Level II

This course is a continuation of GRM 101. **Prerequisite:** *GRM 101 or two years of high school German.*

HIS 103 Comparing World Civilizations (3)

This course surveys the origins and growth of the Confucian, Islamic and Western worlds, and examines how a concentration of political and economic ideas and technologies allowed temporary Western dominance. (This course meets the core requirement in history.) **Offered both semesters.**

HIS 111 Growth of Western Culture (3)

This course is a survey of the development of Western culture as divided into seven major epochs: Greece, Rome, the Middle Ages, the Renaissance, the Enlightenment, the 19th century and the 20th century. (This course meets the core requirement in history.) **Offered both semesters.**

HIS 203 American Economic and Social History to 1865 (3)

This is a course that examines the economic, social and cultural events that shaped American history from colonial times to 1865. Attention is given to race relations and problems of minority groups. (This course meets the core requirement in history.) **Offered in the fall semester.**

HIS 204 American Economic and Social History since 1865 (3)

This is a course that examines the economic, social and cultural events that have shaped American history from 1865 to the present. Attention is given to race relations and problems of minority groups. (This course meets the core requirement in history.) **Offered in the spring semester.**

HIS 211 History of Contemporary Foreign Policy (3)

The basis of American foreign policy in the 20th century is examined in this course. It focuses on recent relations with other major industrial powers and on relations with a selected area of the developing world. **Offered in the fall semester of even-numbered years.**

HIS 309 History of the Far East: Selected Topics (3)

This course studies Far Eastern civilization and focuses on the 19th and 20th centuries. Emphasis is placed on China and Japan. **Offered in the spring semester, every three years, beginning in 2004.**

HIS 313 History of Latin America: Selected Topics (3)

A study of the Hispanic American civilization from earliest times to the present including such topics as the age of conquest, the colonial period, the ways of independence and the national period. Focus placed on current problems as well as Latin American relations with the United States. **Offered as needed.**

HIS 320 History of New York State: Selected Topics (3)

This course is a study of the historical development of New York from 1609 to the present. Special note is made of the role of Western New York in the state's history. **Offered in the fall semester of odd-numbered years.**

HIS 323 Founding the American Republic 1763-1800 (3)

This course is a study of events leading to the American Revolution and independence and a consideration of the implementation of the Constitution and the evolution of the two-party system. **Offered in the fall semester of even-numbered years.**

HIS 325 Modern World Revolutions: A Comparative Study (3)

This course comparatively studies the great revolutions of modern times in 18th century England, 18th century America and France, and 20th century Russia and China. *Offered in the spring semester, every three years beginning in 2003.*

HIS 326 Civil War and Reconstruction (3)

This course is a study of the forces shaping American life through the outbreak of the Civil War Reconstruction and the development of the postwar period. Emphasis is placed on the problems of slavery and race relations. *Offered in the fall semester of odd-numbered years.*

HIS 327 Twentieth Century America (3)

This study of the United States in the 20th century considers such topics as the Progressive Era, Imperialism, World War I, the "Roaring Twenties," the Great Depression and World War II. A focus is placed on the problems of urbanization and of African Americans. *Offered in the spring semester of even-numbered years.*

HIS 328 Twentieth Century America (3)

This study of the United States in the present century considers such topics as the 1950s, the revolution of the 1960s, the Vietnam War, and the presidency from Truman to Clinton. It focuses on the problems of American involvement in the world, the challenge of the urban crisis and the struggle of African Americans. *Offered in the spring semester of odd-numbered years.*

HIS 329 Twentieth Century Europe (3)

This course is designed to deepen knowledge of the political developments of the period by a systematic study of the major events affecting 20th century Europe. *Offered in the fall semester, every three years, beginning in 2001.*

HIS 330 History of Constitutional Law (3)

This course will develop an understanding of the legal system of the United States through the study of the United States constitutional history and the U.S. court system. *Offered in the spring semester of odd-numbered years.*

HIS 341 Canada in Transition (3)

This course provides students with a thematic approach to the historical, cultural, political, social and economic development of America's closest foreign ally and major trading partner. Through the examination of Canadian colonial development, political evolution, cultural formation and economic diversification, students analyze a nation that is similar to their own and yet quite unique. By studying Canadian policy toward native North Americans, students see how and why such a policy took a radically different approach from that followed in the U.S. This approach of comparison and contrast will be utilized throughout the course. *Offered in the fall semester every three years.*

HIS 342 Great Achievers: A Biographical Perspective (3)

A biographical study of men and women of great achievement from diverse areas of endeavor. Included is an analysis of the area in which they lived, the obstacles they faced, their significant achievement and their impact on society. *Offered in spring semester odd-numbered years.*

HIS 343 Russia, the West and Change (3)

Beginning with Peter the Great, the course examines how Russia has attempted to keep up with Western technological and social development. Particular attention is given to the way communism has structured this attempt since the Russian Revolution. *Offered in the fall semester, every three years, beginning in 2002.*

HIS 344 History of Ireland (3)

A broad introduction to Irish history from the Stone Age to the late 20th century economic boom. Included is a two-week extensive historical tour of Ireland. *Offered in spring/summer semester of odd-numbered years.*

HIS 350 Islam and Africa (3)

This course examines the basic social and cultural implications of Islam, traces the initial impact in northern and tropical Africa and examines how Islamic factors have reasserted themselves after Western intervention in these areas. *Offered in the spring semester, every three years, beginning in 2003.*

HIS 420 Variable Topics in History (1, 2, 3)

This variable topic seminar deals with selected themes or topics that are announced when the course is offered. *Offered as needed.*

HIS 441 Case Study in Urban Sociology (3)

SEE SOC 441
This course combines on-campus lectures about the geography, history, culture and society of a designated urban center with a one-week service learning experience in that city. Campus lectures will take place in the fall semester and the one week of service learning is held between semesters, in January.

HIS 444 Internship (3-12)

The history internship is a variable credit (3-12 hours) required course that encourages juniors/seniors to investigate a career through a placement in a professional setting or in the development of future projects (graduate study). This allows students to work under the guidance of an immediate supervisor and/or a college faculty sponsor. *Offered as needed.*

HIS 450 Senior Research Project (3)

This course requires students to investigate and write a significant historical paper on a topic of their choice (usually in local history). The research for the paper must include original or archival sources. **Prerequisite: Completion of 24 credit hours; Offered in the spring semester.**

HIS 479480 Independent Study (1, 2, 3)

Qualified students may investigate selected topics with permission of the instructor.

HP 101 Introduction to Health Care (2)

This course is an introduction to the use of concepts, theory and research as they relate to professional practice in the health care system. It explores the development and current patterns of health care delivery and the forces which mold the health care system and an individual's health behavior as well as the domains of concern of health care professionals. This course may include field trips to selected community and institutional settings.

HRM 309 Principles of Human Resources Management (3)

This course deals with the nature and theory of human resources management. It emphasizes the functional application of the basic principles of human resources management to realistic organizational situations. **Prerequisite or corequisite: MGT 305**

HS 100 Orientation to Health Care Professions (3)

This course was developed in collaboration with the Career Discovery Program to offer information to students who have little or no experience in health care prior to selecting a major at D'Youville. This course offers students opportunities to learn about health care careers by hearing from and interacting with health care professionals working in a variety of organizations within a variety of settings. Classes will be held off campus at multiple community locations to expose students to the many careers within health care.

HS 101 Introduction to Health Care (2)**Cross listed with HP 101**

Students are introduced to the use of concepts, theory and research as they relate to professional practice in the health care system. They will explore the development and current patterns of the health care delivery and the forces which mold the health care system and an individual's health behavior. The course may include field trips to selected community and institutional settings.

HS 203 Medical Terminology (1)**Cross listed with RSC 203**

This course applies medical terminology including word components (root word, prefix and suffix), medical abbreviations, pathologies and diagnostic tests. Students also learn how to conduct a chart review, interpret admission notes, surgical reports, discharge summaries, and understand the components of a SOAP note.

HS 210 Delivering Health Services (3)

This course presents a systems approach to the delivery of health services. Students in the U.S. and abroad will develop an understanding of the basic structures and operations of health care systems. The course examines resources, processes and outcomes of health systems.

HS 220 Community Health (3)

This course presents an overview of public health agencies, but focuses on methods for creating and maintaining healthy communities. Students will learn how to function in the role of facilitating partnerships between communities, business and government.

HS 310 Quantitative Methods (3)

This course addresses the use of data analysis systems to evaluate the impact of health services delivery and on the application of quantitative analysis to decision making in the health services field.

Prerequisite: MAT 123**HS 312 Health Education Program Planning and Evaluation (3)**

This course focuses on health education at the individual and population levels. Students will learn how to conduct a community diagnosis, mobilize communities for action in promoting healthy behaviors at individual and community levels. Students will learn how to align strategies with Healthy People 2010 and measure improvements.

HS 314 Maximizing Health Organization Assets of Coordination and Communication (2)

This course presents coordinating and communication as closely related strategies through which managers in HSO and communities link together the various people and units within their systems to other organizations and agencies. Central to communication is an understanding of the interdependencies that exist in both internal structures and external relationships. Students will explore challenges associated with coordination and communication, and examine effective strategies for meeting these challenges.

HS 320 Health Services Internship (2)

Under the supervision of a qualified preceptor and program faculty, students complete approximately 60 hours of fieldwork in the area of community health and health education. This course includes one hour of weekly seminar.

HS 380 Therapeutic Recreation for Children with Special Needs (Service Learning) (3)

This multidisciplinary course has two major components: introduction to therapeutic recreation for children with special needs and community service. It is designed to familiarize students with a variety of childhood disabilities, disorders and developmental delays, and how therapeutic recreation can enhance functional capacities, health, wellbeing and quality of life. The course covers theories, principles and strategies used in designing, managing and implementing therapeutic recreation programs. As a service learning course, the students devote their time and talent to serving children who have special needs due to disabilities, disorders and disadvantages. The volunteer experience, along with reflective journaling and seminar discussions, intends to promote understanding and empathy for children and their families who may differ from the student in regards to physical and mental abilities, cultural background and socio-economic status. The student applies the academic knowledge of effective management and delivery of therapeutic recreation services by assisting in community recreation programs and include or focus on children with disabilities, disorders, developmental delays or special needs.

HS 406 Information Technology in Health Care (3)

This course provides an overview of clinical information, administrative information and decision support information systems. Emphasis is placed on decision support, specifically information and analytical tools to support managerial decision making. **Prerequisite:** MGT 318

HS 408 Reimbursement Payment System (3)

This course analyzes third-party payment programs and reimbursement practices in the health care sector. **Prerequisite:** HS 310 and MAT 123

HS 410 Health Care Law (3)

This course introduces students to the major legal issues and principles in the health care field and in the administration of health care services and examines the phases of project planning and management. Students will learn how to set reasonable goals and determine a time line and budget. They will also learn how to lead and facilitate teams through the work plan.

HS 414 Project Planning and Management (3)

This course examines the phases of project and management in health care organizations. Students will learn how to use a systems approach to integrate local, state and federal health care mandates and professional standards in setting reasonable goals, determine a time line and budget. They will learn how to lead and facilitate teams of support staff, professionals and allied health professionals through the work plan. They will learn to present the project verbally and in writing using a variety of presentation formats.

HS 420 Advanced Health Services Internship (2)

This course provides the opportunity for the application of theories and principles of classroom learning. Under the supervision of a qualified preceptor and program faculty, students will complete approximately 80 hours of fieldwork in an area of the health care system. This course includes approximately one hour of weekly seminar.

HS 613 Management in Health Care Organizations (3)

This course, for non-majors, presents the fundamentals of management that a health professional will need in filling management positions in health care organizations. The basic functions of supervision and the practical application of these skills are emphasized. **Prerequisites:** Graduate standing or HS 101; Offered in the spring semester.

IB 501 Theoretical Concepts in Global Economics (3)

This course introduces the fundamental theoretical concepts in international economics, including international trade and investment, industrial and economic restructuring, and technological change and innovation. Other topics include economic geography, spatial economics and the principles of locational choice for multinational firms. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 503 International Economics, Finance and Accounting (3)

This course studies the economic principles in trade and investment among nations. More specifically, topics such as the international exchange and balance of payments, the scope and significance of international investment and capital movements, and the basics of international financial accounting and reporting are explored. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 505 International Negotiation and Communication (3)

This course is designed to provide an understanding of the aspects of cultural differences among peoples in different countries that significantly affect managing businesses, communicating and marketing products or services in the global economy through the study of major economic regions of the world. Emphasis is placed on the role of managers as leaders, negotiators and facilitators in the international business environment. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 506 International Management (3)

The course covers various areas of knowledge, theories and applications of organizational behavior and human resource management in the global arena. Topics include leadership and organizational styles in different cultures, motivational techniques, managing human resources and cross-cultural training, preparing expatriates for foreign deployment, compensation and related problems in international business, and country specific factors affecting foreign placement of company personnel. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 602 Multinational Corporate Finance (3)

This course studies the emphasis of the financial issues that multinational enterprises face. Topics include risk management, financing and investment decisions. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 604 International Marketing and Research (3)

This course is a study of how international business variables affect the marketing process. Emphasis is placed on the mechanics and strategies of international marketing including export and non-export entry modes. The course focuses on product, pricing, promotion and distribution decisions in a global marketplace. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 605 Legal Environment in International Business (3)

The course investigates international trade organizations, conferences, treaties, export regulations, antitrust laws, securities regulations in the international environment, the Foreign Corrupt Practices Act, laws that provide protection against unfair competition from foreign goods, and laws that provide economic relief to those affected by import competition. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 607 Global Supply Chain and Logistics Management (3)

This course examines the escalating importance of international logistics and transportation in world commerce. It emphasizes the importance of increasingly complex global supply chain and product distribution management. Transportation and logistics issues such as export management and documentation, distribution and traffic management are also discussed. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 608 Multinational Strategic Management (3)

This course is an advanced study in global strategic management that allows students to apply and extend skills learned in earlier international business theoretical and functional courses. Students relate recent innovations in international operations management and information technology to business strategy and integrate "core" management courses in organization, leadership, strategy, marketing, accounting, finance and cross-cultural concepts from the perspective of a business executive. **Prerequisite:** Satisfactory completion of previously designated coursework

IB 610 Multinational Financial Reporting (3)

This course is a study of the accounting aspects of international business. Topics include comparative international accounting systems, practices, reporting and taxation. This course also includes a discussion of the need for and uses of relevant accounting information by managers for planning, forecasting, budgeting and decision making in a global competitive business environment. **Prerequisite:** *Satisfactory completion of previously designated coursework*

IB 612 International Business Elective (3)

Elective courses such as International Banking, Canadian Economic and Business Structures, Economic Integration, or Profiles of World Financial Centers will be offered in the fifth year of the course of study.

IB 614 Current Issues in International Business (3)

This course provides an in-depth knowledge of current work issues, selected topics, specific problems and issues, or analysis of geographical areas of prominence in international trade and investment. **Prerequisite:** *IB 602, IB 604, IB 605, IB 607 or permission of instructor*

IB 620 International Business Fieldwork (9)

This course allows students the opportunity to apply international business knowledge and skills in real-world settings. Assignments include positions in multinational corporations, government agencies and other institutions in the U.S. or abroad. Fieldwork assignments will be arranged on an individual basis. **Prerequisite:** *Satisfactory completion of all fourth-year coursework and good academic standing per academic regulations*

IB/GRA 621 International Business Project Seminar I (3)

This course will provide the fundamental framework and support system needed to allow students to formulate a proposal for a viable research study or an applied project of equivalent scholarly rigor in the field of international business. The course perspective is the utilization of theory to frame research questions for applied research problems in international business. The review and critical analysis of components of applied research designs prepare the student to be a producer and consumer of research as a manager. Students will work closely with the instructor to investigate, formulate and describe, in the proper format, a research study or project. **Prerequisite:** *GRA 601*

IB/GRA 622 International Business Project Seminar II (3)

This course prepares the international business student to complete a graduate research project. Current research is examined to identify appropriate areas of inquiry for students entering the international business field. **Prerequisite:** *GRA 621*

IB 630 International Business Fieldwork (9)

This course is a continuation of IB 620. **Prerequisite:** *IB 620*

IT 101 Introduction to Information Technology (1)

This course provides first-year students an introduction to information technology including social implications and the creation, organization, analysis, storage, retrieval and communication of information. Through interactions in a small group environment, students will become more familiar with the information technology curriculum, career options and ethical issues. Students will learn about the history of information technology. A broad spectrum of information technologies and their impacts will be examined.

IT 111 JAVA Programming I (3)

This course is an introduction to computer programming designed to provide the fundamentals for information technology students. The students will learn how to write programs in a modern high-level programming language (JAVA). Lecture and laboratory topics focus on the use of data types, variables, operators, expressions, programming constructs and input/output. Students will also have an introduction to the basics of abstract data types and object-oriented design. Good programming practices such as top down planning, modularity, debugging strategies and documentation are also introduced and emphasized throughout the course. **Prerequisite:** *IT 101 or working knowledge of computers*

IT 112 JAVA Programming II (3)

Designed as a second course in Java programming, this course explores advanced JAVA features such as applets, exception handling, internationalization, multithreading, multimedia and networking. Together with Programming I, the two courses form a comprehensive introductory on JAVA programming. Good programming practices such as topdown planning, modularity, debugging strategies and documentation are reinforced throughout the course. The associated lab component enables students to translate theory into practice. **Prerequisite:** *IT 111*

IT 231 Computer Organization and Architecture (4)

This course is an introduction to computer architecture and implementation. Topics include CPU organization, memory, registers, addressing modes, busses, instruction sets, multiprocessor versus single processor, peripheral devices and input/output. Basic digital system concepts such as number systems, Boolean algebra, flip-flops, decoder, encoder, multiplexer, ROM and adder will also be covered. The laboratory provides more insight into the physical aspects of the design and implementation of modern computer systems. **Prerequisite:** *IT 112*

IT 241 Data Structures and Algorithms (3)

CROSS-LISTED AS IT 241/CSC 241
 This course is a study of the manipulation of data structures, stacks, queues, lists, linked lists and trees. Other topics covered are: integration of data structures and efficient algorithms of sorting, merging and searching in a database or file management system. **Prerequisite:** *IT 112; Offered as needed.*

IT 251 Linux System Administration and Networking (3)

This course provides a survey of the Linux operating system with the installation and administration of networked workstations and servers as its primary focus. Topics may vary, but will include installation of Linux, the bash shell environment, X windows and GUIs, managing users and groups, and networking. Additional topics may include installation of NFS services, printer services, e-mail (SMTP and POP3) services, SSH services, Web (HTTP and HTTPS) services, installing MySQL and PHP. **Prerequisite:** *IT 112, or permission of instructor*

IT 252 Microsoft Windows System Administration and Networking (3)

This course provides a survey of the Windows Server operating system with the installation and administration of networked workstations and servers as its primary focus. Topics may vary, but will include installation and configuration of Active Directory, DNS and WINS naming resolution planning and procedures, services and registry configuration, GUI manipulation, managing users and groups, and networking. Additional topics may include installation of printer services, e-mail (SMTP and POP3) services, FTP services and Web (HTTP and HTTPS) services. **Prerequisite:** *IT 112 or permission of instructor*

IT 261 Introduction to Bioinformatics (3)

This course provides an introduction to the concepts and basics of Bioinformatics. Topics may vary, but will include the database and networking components of Bioinformatics, statistical techniques and methodology used in the field, and search techniques applicable to the discipline. Additional topics may include data mining, modeling and simulation, and pattern matching. **Prerequisite:** *IT 101 or permission of instructor*

IT 304 Object-Oriented Computing (3)

This course focuses on techniques in problem solving, principles of object-oriented design and modeling, and structured programming using C++. It introduces the fundamental concepts of object-oriented: objects, classes, inheritance, abstraction, encapsulation, polymorphism and visibility. The course emphasizes on high-level front-end conceptual processes of analysis and design, rather than back-end implementation. By the end of the course, students will gain an appreciation for the object-oriented approach for reusability, extensibility, easy maintenance and avoid common software design errors. The C++ programming language is used to link the concepts to real-life software implementation. **Prerequisites:** *Junior standing and IT 112*

IT 315 Interactive Interface Design (3)

This course is a study of the fundamental design theories of an interactive system. The topic covers the human user, the computer system and the nature of the interactive process. Theory and research along with practical applications are discussed within the context of organizational impact. Programming projects that apply the design principles are required. **Prerequisites:** *Junior standing and IT 112*

IT 323 Database Design and Development (3)

This course is an introduction to the state of practices in modern database systems. Topics include database design, database architecture, SQL, normalization, storage structures, query processing, concurrency control, security, recovery, object-oriented and distributed database systems. Programming projects with commercial database systems and tools are required. **Prerequisite:** *IT 241*

IT 331 Internet Working and Communication (3)

This course introduces basic elements of modern computer and telecommunication networks. The popular Internet TCP/IP five-layer model as well as OSI seven-layer model will be discussed. In each layer, the state-of-the-art hardware and software technologies are introduced. These include, for example, fiber-optic and mobile/cellular communications, ATM and World Wide Web. Technologies and architectures that have been developed for networking over short (LAN) and long (WAN) distances will also be explored. **Prerequisites:** *Junior standing, IT 231 and MAT 120*

IT 338 Modern Operating Systems (3)

This course provides an overview of architecture, goals and structure of an operating system. Topics include process management, memory and file system management, scheduling, security and distributed operating systems. Concepts will be illustrated with examples from existing operating systems. **Prerequisite:** IT 231

IT 415 Systems Development Concepts and Methodologies (3)

This course is an introduction to information systems development process and methodologies. Topics include product development life cycle and standards, requirement acquisition and analysis, systems design methodologies, implementation techniques, configuration management and quality assurance. **Prerequisites:** Senior standing, IT 315 and IT 304

IT 444 Information Technology Internship (3)

This course encourages juniors/seniors to investigate a career through a placement in a professional setting or in development of future projects (graduate study). This allows students to work under guidance of an immediate supervisor and/or a college faculty sponsor. **Offered as needed.**

LAT 101 Level I (3)

This introduction to Latin teaches basic vocabulary, grammar and reading. **Prerequisite:** One year or less of high school Latin; **Offered as needed.**

LAT 102 Level II (3)

This course is a continuation of LAT 101. **Prerequisite:** Latin 101 or two years of high school Latin; **Offered as needed.**

LAW 303 Business Law I (3)

An analysis of the legal principles underlying law of contracts, sales, and torts is the subject matter of this course. Case studies are utilized to help students understand the business legal environment.

LAW 304 Business Law II (3)

This course is an analysis of the legal principles underlying the law of negotiable instruments, insurance and risk management, agency, partnerships, corporations, real property and wills.

LSK 065 Writing Skills I (NC)

This course is designed to introduce students to the process of academic writing, emphasizing organization, clarity and grammar. The instructor guides students through the drafting and editing process, stressing a variety of strategies to initiate, develop and refine written work. This course is three hours per week. Pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 066 Writing Skills II (NC)

This course is designed to help students improve their academic writing, emphasizing syntax, paragraph structure and essay cohesiveness. Grammar issues are addressed as needed. Class time is organized so students receive guidance in writing essay for ENG 111. This course is two hours per week. Pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 067 Professional Tutorial Assistance in Writing (NC)

Professional tutors provide support designed to meet the student's writing needs in their individual course work via weekly conferences. Specific skills (for example, sentence structure, thesis development, documentation, etc.) are developed during tutorial sessions as needed. This course is 30 minutes to one hour per week. Pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 074 Reading and Study Skills (NC)

This course is designed to assist students in their development of college-level reading and study skills strategies. Emphasis will be placed on relating skills directly to the type and volume of reading required for college courses. This course is three hours per week. Pre/post-test evaluation. **Offered in the fall semester.**

LSK 075 Supplemental Instruction in PSY 101 (NC)

This course is designed to assist students enrolled in PSY 101. It covers the content of PSY 101 and the reading/lecture/study skills/test-taking strategies necessary for success. These skills and strategies will also be applicable to other courses. This course is one hour and 15 minutes per week and has a pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 076 Supplemental Instruction in BIO 107 (NC)

This course is a guided study group for BIO 107. Any student registered in BIO 107 may attend this class; it is also highly recommended for students repeating BIO 107. This course is two hours per week. **Offered in the fall and spring semesters.**

LSK 077 Professional Tutorial Assistance in Reading (NC)

Reading instructors provide support designed according to a student's needs (for example, reinforcing concepts, comprehension strategies, annotating and study and test-taking skills). This course is 30 minutes to one hour per session and includes a pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 078 Vocabulary Enrichment (NC)

This course is designed to assist students in developing vocabulary needed in college coursework. Prefixes, suffixes and root words commonly used in the student's major are also covered. This course is one hour per week and includes a pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 079 Academic Seminar (NC)

This course is required for freshmen and sophomores on academic probation. Weekly meetings will address issues that interfere with academic success. This course is one hour per week. **Offered in the fall and spring semesters.**

LSK 085 College Math Skills (NC)

This course is designed to assist students in basic arithmetic computation. Students will gain skills in basic math functions, decimals, fractions and percents. This course is three hours per week with a pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 086 College Math Skills II (NC)

This course is designed to assist students with a strong arithmetic background, but with limited or no exposure to algebra. Students will gain skills in real numbers, exponents, algebraic expressions and solving for algebraic equations. This course is three hours per week and includes a pre/post-test evaluation. **Offered in the fall and spring semesters.**

LSK 087 Professional Tutorial Assistance in Math (NC)

This tutorial is designed to assist students in developing the skills necessary to be successful in college algebra. These sessions are geared towards the specific needs of the student. This course is 30 minutes to one hour per session. **Offered in the fall and spring semesters.**

MAT 101 Elementary Algebra (3)

The subject matter includes arithmetic and algebraic operations, linear equations and inequalities, quadratic equations, two equations and two unknowns, elementary coordinate geometry and word problems. It does not fulfill the core requirement for math and is not open to those with credit in any other math courses unless recommended by the Learning Center. A placement test score indicating mastery of LSK 086 is required. **Prerequisite:** Permission of the instructor; **Offered in the fall and spring semesters.**

MAT 117 Topics in Mathematics (3)

Topics are selected to exemplify a broad view of mathematics. The subject matter includes logic, numbers, functions, geometry, probability and topology. **Prerequisite:** MAT 101, a placement test score indicating mastery of the MAT 101 material or permission of instructor; **Offered as needed**

MAT 120 Elementary Practical Statistics (3)

This is an introduction to the theory and application of statistics: sampling, frequency distributions, probability, confidence intervals, hypothesis testing and analysis of variance. **Prerequisite:** MAT 101, a placement test score indicating mastery of the MAT 101 material or permission of instructor. **Students who pass MAT 120 cannot subsequently take MAT 123 for credit; Offered in the fall and spring semesters.**

MAT 122 Algebra and Trigonometry (3)

The course explores concepts and graphs of basic function, including polynomial, rational, radical, logarithmic, exponential and trigonometric functions. **Prerequisite:** MAT 101, a placement test score indicating mastery of the MAT 101 material or permission of instructor; **Not open to those who have taken MAT 125.**

MAT 123 Introduction to Applied Statistics (4)

This course includes the underlying fundamental mathematical principles and their application to a wide range of statistical methods and tests. Included are the following: sampling, frequency distributions, probability, regression, confidence intervals, hypothesis testing, t-test, analysis of variance, chi-square and correlation. Existing computer software such as MiniTab is utilized by students to aid and facilitate the analysis of results. **Prerequisites:** CSC 110 or CSC 151, and MAT 101 or a placement test score indicating mastery of the MAT 101 material, or permission of instructor; **Not open to those who have taken MAT 120.**

MAT 125 Calculus I (4)

Basic theory of functions, limits, continuity, derivatives and integrals are taught. Some emphasis is placed on the structure of the real number system. **Prerequisite:** MAT 122, a placement test score indicating mastery of the MAT 122 material or permission of instructor; **Offered in the fall semester.**

MAT 126 Calculus II (4)

The course explores the basic techniques for integration as well as elementary transcendental functions and the applications of differential and integral calculus. **Prerequisite:** MAT 125; **Offered in the spring semester.**

MAT 202 Calculus III (4)

The subject matter includes multivariate calculus, infinite series, differential equations and matrix algebra. **Prerequisite:** MAT 126

MAT 300 Introduction to Mathematical Reasoning (3)

This course introduces the student to abstract mathematics and proofs. Topics covered in the course include logic, sets, relations, functions, proofing methods (including proof by induction, contrapositive and contradiction) and cardinality. **Prerequisite:** MAT 126

MAT 301 Real Analysis I (3)

The study of real-valued functions of one variable properties include continuity, uniform continuity and differentiation. **Prerequisites:** MAT 202 and MAT 300

MAT 303 Foundations of Geometry I (3)

This course is a study of symmetry and isometry in two- and three-dimensional space from both the Euclidean and Cartesian viewpoints. Inversion geometries will also be covered as well as group of transformations. **Prerequisites:** MAT 202 and MAT 300

MAT 304 Foundations of Geometry II (3)

This course covers affine, projective, absolute and hyperbolic geometries as well as vectors and differential geometries. Students will cover some topological problems. **Prerequisite:** MAT 303

MAT 310 Foundations of Mathematics (3)

This course is a survey of the development of mathematical thought. **Prerequisites:** MAT 126 and MAT 300

MAT 315 Linear Algebra (3)

An introduction to linear systems including matrices, determinants, linear transformations, vector spaces and linear independence. The student will perform most of the computation on a computer, so that familiarity with at least one higher-level programming language is presupposed. Applications include linear programming, graph theory, least squares, Markov chains and differential equations. **Prerequisites:** MAT 126, MAT 300 and either CSC 151 or IT 111

MAT 318 Discrete Mathematics (3)

Discrete mathematics includes topics that are particularly important in computer science. This course provides the student with an introduction to elementary combinatorics (counting methods and graph theory), elementary Boolean algebra and automata theory. **Prerequisites:** MAT 126 and either CSC 151 or IT 111

MAT 321 Differential Equations (3)

This course will describe the classical methods for solving first order differential equations, systems of first order differential equations and equations of higher degree. **Prerequisites:** MAT 126, and MAT 300

MAT 389/390 Special Topics in Mathematics (3)

This course represents an opportunity to study a selected topic in mathematics. Topics originate with faculty or students. **Offered as needed.**

MAT 401 Abstract Algebra I (3)

In this course, you will cover groups, quotient groups, homomorphisms, rings and fields. **Prerequisites:** MAT 126 and MAT 300

MAT 402 Abstract Algebra II (3)

This course covers vector spaces, extension fields, elements of Galois theory. **Prerequisite:** MAT 401

MAT 403 Probability (3)

This course is an introduction to probability and basic distribution theory, mathematical expectation, discrete and continuous functions, and generating function. **Prerequisites:** MAT 126 and MAT 300

MAT 404 Mathematical Statistics (3)

The theory of the mathematics of statistics; sampling distributions; point and interval estimation; theory and application of testing hypotheses, regression and correlation will all be covered in this course. **Prerequisite:** MAT 403

MAT 407-408 Senior Seminar I-II (2-2)

This course provides an opportunity for dialogue between the senior mathematics major and faculty and peers on mathematical questions. A research paper of a theoretical nature is developed by the student and presented in the group. **Prerequisites:** Senior status in major or permission of the instructor; **Offered as needed.**

MAT 410 Number Theory (3)

Number Theory is an introductory course in number theory, divisibility, congruences, Diophantine equations, continued fractions and Gaussian Integers. **Prerequisites:** MAT 126 and MAT 300

MAT 412 General Topology (3)

This course covers metric spaces, continuous mappings, topological spaces, compactness, separation and connectedness. **Prerequisite:** MAT 301

MAT 414 Complex Analysis (3)

This course studies analytic functions, complex integration and infinite series. **Prerequisites:** MAT 202 and MAT 300

MAT 417 Introduction to Graph Theory (3)

This course will provide a first introduction to the theories and applications of graphs. Topics covered in the course include basic definitions and examples, paths, cycles, trees, planarity, graph colorings, digraphs and matching. **Prerequisites:** MAT 126 and MAT 300

MAT 424 Numerical Analysis (3)

Numerical solutions to the applications of calculus and linear algebra are covered in this course. Economic and scientific interpretations of functions are stressed. **Prerequisites:** MAT 126 and either CSC 151 or IT 111

MAT 443 Methods of Teaching Mathematics (3)

This course covers current issues in mathematics education, secondary school mathematics curricula and contemporary approaches to the teaching of mathematics. **Prerequisites:** MAT 126 and MAT 300

MGT 303 Problems in Management (3)

Topical seminars are devoted to issues of interest to those involved in or aspiring to management positions. Special topics include women in management, supervisory strategies, changing roles and the work environment, assertive communicating, time management, conflict resolution, tools for planning and decision making. **Prerequisite:** MGT 305 or permission of instructor; **Offered as needed.**

MGT 304 Communicating in Organizations (3)

The course deals with the relation of interpersonal communication to communications strategies in organizations. Students analyze communication networks and the relationship to group characteristics and productivity, leadership and conflict as they relate to communication in the organization. **Prerequisite:** MGT 305 or permission of instructor; **Offered in the fall semester.**

MGT 305 Principles of Management (3)

This course focuses on the nature and theory of management. It emphasizes the functional application of the basic principles of management to realistic business situations. **Offered in the fall and spring semesters.**

MGT 311 Operations and Production Management (3)

This course is an introduction to operations research and management science. Topics include productivity improvement, automation, materials management and facilities management. **Prerequisite:** MGT 305 or permission of instructor; **Offered as needed.**

MGT 315 Financial Management (3)

This course deals with financial statements and financial analysis of business firms, tax considerations, net present value and internal rate of return, budgeting, investments and cost of capital. **Prerequisites:** ACC 212 and MGT 305 or permission of the instructor; **Offered in the spring semester.**

MGT 316 Personal Computers and E-Commerce for Managers (3)

The course introduces students to computerized business applications, word processing, spreadsheets, databases, presentation software and e-commerce concepts. Students are given thorough hands-on familiarization of the personal computer and the completion of various business applications on the computer. **Prerequisite:** Junior status; **Offered in the spring semester.**

MGT 318 Information and Communication Technology Management (3)

The course explores the role, meaning, background and theory of MIS in the organization and focuses on planning, implementation, effect and challenges of management information and communication technologies. **Prerequisites:** MGT 305, CSC 110 and/or CSC 151 or permission of instructor

MGT 321 Entrepreneurship I (3)

The course is a study of entrepreneurship in today's small business or private practice environment. The student will be brought through the processes of starting and developing one's own business or practice, from the original product or service concept through the birth and growth of the organization. The course will be presented in the context of applicable New York state law. **Prerequisite:** Junior standing or permission of instructor; **Offered as needed.**

MGT 323 Entrepreneurship II (3)

Developing from skills acquired in MGT 321, students develop a formal business plan which includes marketing, management, financial and operational components of a business. **Prerequisite:** MGT 321

MGT 325 Ethical Decision-Making in Business (3)
CROSS-LISTED AS PHI 325

This is an applied ethics course that examines policy decisions made in business and their ethical implications in society. Emphasis is placed on the theories of ethics and economic justice in relation to decisions made in business. **Prerequisite:** PHI 201 or RS 201; **Offered as needed.**

MGT 389-90 Special Topics in Management (3)

This is a seminar course in a topic related to the field of management. At the time of offering, a subtitle will indicate the specific content of the course. **Prerequisite:** MGT 305 or permission of instructor

MGT 401 Organizational Behavior (3)

This course is a study of people as they behave in organizations, motivation, attitudes, personality patterns and their relation to behavior in business and other organizations. **Prerequisite:** MGT 305 or permission of instructor

MGT 407 Quantitative Management Decision Making (3)

The course is a study of decision making as a managerial function. It relates models of decision making to their effectiveness in changing situations. Emphasis is placed on the planning and control in the context of decision-making strategies. **Prerequisite:** MGT 305 or permission of instructor; **Offered in the fall semester.**

MGT 410 Labor Relations (3)

This course deals with the history, legal aspects and issues of management labor relations. **Prerequisite:** MGT 305 or permission of instructor; **Offered as needed.**

MGT 411 International Business (3)

This course focuses on the legal, economic, historical, sociological, political and philosophical concepts operative in multinational business. **Prerequisite:** MGT 305 or permission of instructor; **Offered in the fall semester**

MGT 412 Management Strategy and Policy (3)

This course is designed to demonstrate ways in which various functions and subsystems of the management process are related to and interact with each other. **Prerequisites:** MGT 401 and 315 or permission of the instructor; **Offered in the fall semester.**

MGT 435 Health Care Management (3)

This course deals with working with staff, understanding dynamics of human behavior, goal setting and problem-solving techniques. **Prerequisite:** MGT 305 or permission of the instructor; **Offered as needed.**

MGT 440 Introduction to Management, Marketing and Business Law (3)

This is an overview of the principles of management, marketing, organizational behavior and business law with an emphasis on the application of such principles to real-world situations. **Prerequisite:** Course for international business master's students; **Offered as needed.**

MGT 441 Introduction to Economic Concepts, Statistics and Financial Analysis (3)

This is an overview of economic principles, statistical techniques and financial concepts as applied to management. **Prerequisite:** Course for international business master's students; **Offered as needed.**

MGT 444 Management Internship (3)

This course provides specially selected, highly motivated students with the opportunity for experience in their area of specialization prior to graduation. **Offered in the fall and spring semesters.**

MGT 445 Internship (9/12)

Students receive on-the-job experience in an area of their specialty. Students work 20-35 hours per week for ten to 15 weeks, dependent on desired credit. **Prerequisites:** 2.5 overall G.P.A., 3.0 major and senior status (86 credits)

MGT 479/480 Independent Study (1, 2, 3)

Qualified students may investigate selected topics with the permission of the instructor.

MKT 304 Principles of Marketing (3)

The course focuses on the fundamental concepts of marketing, such as analyses of buyer behavior, product development and distribution, and marketing research, planning and forecasting. **Offered in the spring semester.**

MKT 306 Advertising/Sales Promotion (3)

Advertising is surveyed as a communications system that presents brand information and spurs consumer behavior. Emphasis is placed on the various institutions of advertising. All forms of promotional activities are examined. **Prerequisite:** MKT 304 or permission of instructor; **Offered as needed.**

MKT 408 Marketing Research (3)

This course examines various research procedures including survey design, sampling, data collection techniques and analysis and reports. Emphasis is given to selected application of marketing research to specific problems. **Prerequisite:** MKT 304 or permission of instructor

MUS 100 Appreciation of Music (3)

This is a basic introduction to music with emphasis on elements of music and musical styles. The course seeks to develop an understanding of music as well as the levels and spheres in which music is appreciated. **Offered in the fall semester.**

MUS 103 Chorus (1)

Students participate in choral singing on the college level. The course maybe taken more than once. Does not fulfill humanities core requirements. **Offered as needed.**

MUS 200 Appreciation of Music 2 (3)

This course studies music elements, style, form and history through readings and in-depth listening. Students are taught how to listen to music and identify musical period, composer and composition style, orchestration and elements of music. A study of music in the Middle Ages, Renaissance, Post-Romantic era and 20th-century jazz, rock and blues will be included in this course. **Prerequisite:** MUS 100 recommended but not required; **Offered in the spring semester.**

MUS 209 Introduction to the American Musical Theater (3)

This course surveys the elements of musical theater, e.g., lyrics, score, dance and design. The historical development of musical theater from opera to American stage musicals is covered. **Offered as needed.**

NTR 325 Nutrition and Health (3)

This course studies the human organism's requirements for organic and inorganic nutrients, the biochemical processes underlying their utilization and the considerations of specific nutritional problems. This course is three lecture hours. **Prerequisites:** CHE 112 or BIO 101/102 or BIO 107/108 or permission of the instructor; **Offered in the fall and spring semesters.**

NUR 100 Introduction to Professional Nursing (3)

This first course of the nursing curriculum establishes the foundation for understanding nursing as a profession. The student will begin to develop a personal philosophy of nursing through an exploration of historical and contemporary perspectives of the profession as well as the personal responsibilities, commitments and requirements of pursuing this course of study. This exploration will focus upon an examination of the nursing metaparadigm: humans, health, environment and nursing. The student will be encouraged to develop an appreciation of the importance of lifelong learning, critical thinking and nursing research. Emphasis will be placed on D'Youville College's philosophy of nursing, curriculum and the characteristics of a liberally educated baccalaureate nursing graduate. Distant learning format for nursing majors only. **Classroom format open to all students.**

NUR 215 Women's Health Issues (3)

This course focuses on health issues unique to women. Current approaches and research are discussed in the light of emotional and sociological needs of this group. The responsibility of women for self-examination and monitoring of their health and the impact of being a woman in today's world are stressed. The role of the professional nurse as a health care provider, advocate and health teacher in collaboration with other members of the health care team (social workers, teachers, etc.) will be explored. **Open to all students.**

NUR 216 Transcultural Nursing (3)

This course will focus on developing cultural awareness in individuals who practice in the health-related professions. Ethnocentrism, ethnic practices, cultural diversity, workplace cultural behavior and intercultural problems as they relate to health care are presented.

NUR 225 Care of Persons with HIV/AIDS (3)

This course will focus on preparing health care workers to provide holistic care to persons living with HIV/AIDS, their families and significant others, in community or institutional settings. By increasing the student's knowledge and awareness of the complex related epidemiological, pathological, social and political issues, students will be challenged to an increased awareness of their own values and beliefs that could interfere with giving optimal care to this population. Perspectives of persons living with the illness, health needs of persons living with HIV/AIDS and appropriate nursing interventions will be discussed. **Open to all students.**

NUR 230 Professional Nursing II (4)

This course focuses on the role of the professional nurse as a direct care provider in terms of assessing the health status of individuals across the life span. Strong emphasis is placed on the development of interviewing skills to elicit a health history and on the development of skill in the use of physical assessment techniques, namely inspection, palpation, percussion and auscultation. The process of analyzing assessment findings to identify the health needs of individuals in relation to health promotion is described. The focus is on developing basic skills of assessing health status and guiding the health practices of individuals from socially and culturally diverse backgrounds and who can assume self-responsibility and be a partner in their own care. Students are introduced to the role of consumer of research as it applies to health assessment and health promotion. **Prerequisites:** BIO 107/107L, BIO 108/108L, CHE 114, 114L and NUR 100; **Prerequisite or corequisite:** BIO 307 and NUR 230L (for nursing majors only); **Offered in the spring semester.**

NUR 230L Clinical Nursing II

In this course, students will assess the health status and needs of individuals from socially and culturally diverse backgrounds across the life span. Students will perform health assessments that emphasize the use of interviewing skills to elicit health histories and the use of inspection, palpation, percussion and auscultation to perform physical examinations. Health assessment findings will be analyzed by the students to identify the health needs of the individuals assessed and plans will be developed to guide health promoting activities. **Corequisite:** NUR 230; **Offered in the spring semester.**

NUR 250 Health Assessment for the RN (3)

This course is designed for the RN student and focuses on the role of the professional nurse as a direct care provider in terms of assessing the health status of individuals across the life span. Strong emphasis is placed on the refinement of interviewing skills and physical assessment techniques for the purpose of eliciting a detailed health history and complete physical examination. Students will focus on analyzing assessment findings in order to identify the health needs and problems of individuals from socially and culturally diverse backgrounds. Opportunities to practice health assessment and documentation skills will be provided in an on-campus laboratory setting. Open to nursing students only. **Offered in the spring semester.**

NUR 310 Human Sexuality (3)**SEE PSY 310**

This course is designed to provide students with a multidimensional overview of human sexuality and opportunity to clarify their own sexual value systems. Human sexuality will be considered from biological, cultural, psychosocial, developmental, behavioral and clinical perspectives. **Prerequisite:** Core course in psychology

NUR 314 Nursing Research (3)

This is a course that introduces the student to formal research methodology. The course includes discussion of research designs, components of a research study and appropriate documentation of the research report. Emphasis is placed on problem identification, hypothesis formation, assumptions, limitations, sampling concepts, use of human subjects, methodology, statistical selections and conclusions. Concepts are illustrated with current nursing research studies. **Prerequisite or corequisite:** MAT 123 or equivalent; **Offered both semesters.**

NUR 330 Professional Nursing III (9)

The focus of this course is on health promotion, maintenance and restoration of individuals and families, particularly the underserved, responding to childbearing, childrearing, children's health, the older adult and selected women's health problems. The content relates to complex nursing activities, in hospital and outpatient settings, for health needs and problems of individuals and families responding to childbearing, childrearing, the older adult, and selected women's health problems. The nursing role is that of direct care provider who recognizes the value of research findings when planning care in an interdisciplinary environment. The continued emphasis is on patient responsibility and empowerment and the nurse's sensitivity to diverse cultural values and the role of advocate. Included is an analysis of changes in the health care system and their effect on patients. **Prerequisites:** BIO 107/107L, BIO 108/108L, BIO 208/208L, CHE 114, 114L, BIO 307 and NUR 230/230L; **Prerequisites or corequisites:** NTR 325 and PSY 206, NUR 330L and NUR 333; **Offered in the fall semester.**

NUR 330L Clinical Nursing III

Clinical experiences are in a variety of hospital and outpatient settings as direct care providers with an emphasis on managing complex nursing activities as members of an interdisciplinary team to promote the health of individuals and families responding to childbearing, childrearing, the older adult and selected women's health problems, using research findings with guidance to influence care. **Corequisite:** NUR 330; **Offered in the fall semester.**

NUR 333 Nursing Implications of Pharmacological Interventions (3)

This course focuses on the nursing implications of major classifications of pharmacological interventions. Emphasis will be given to patient responses across the life span to therapeutic actions, side effects, toxic effects and interactions of pharmacologic agents. The role of the nurse in administering medications, monitoring patient responses and health teaching will be contrasted with the roles of the physician and the pharmacist. **Prerequisite or corequisite:** BIO 307; **Offered in the spring and fall semesters.**

NUR 389/90 Special Topics in Nursing (1-3)

This course provides students an opportunity to study a selected topic in nursing with a small group of students; topics may evolve from either student or faculty interest. A one-credit, eight-week summer clinical experience is available to eligible students between their junior and senior years. This is subject to availability from the health care facilities located in Western New York. **Offered as needed.**

NUR 420 Professional Nursing IV (8)

This course involves health promotion, maintenance and restoration of individuals and families who are ill. The focus is on management of patient care and collaboration using research findings in a variety of settings. Included is an identification of a health care agency's process for discharge planning and outcomes measurement. **Prerequisites:** NUR 330, NUR 333 and 330L; **Prerequisites or corequisite:** MGT 305 and NUR 420L; **Offered in the spring semester.**

NUR 420L Clinical Nursing IV

Clinical experiences are in a variety of acute care settings, such as hospitals, ambulatory care, short stay and outpatient clinics, etc. Increased emphasis is placed on collaboration, focusing on accountability. **Corequisite:** NUR 420; **Offered in the spring semester.**

NUR 430 Professional Nursing V (9)

This course focuses on individuals, families and groups responding to self care deficits/variances in wellness in relation to health promotion, restoration and maintenance. The role of the professional nurse as a manager who collaborates with the multidisciplinary team is examined. There is an increased emphasis on identifying problems that need to be addressed through research and on cultural, environmental, political and economic factors influencing the health care system. Included is the analysis of a health care agency to identify specific problems that need to be addressed. **Prerequisites:** NUR 420 and 420L; **Corequisites:** NUR 430L and NUR 314; **Offered in the fall semester.**

NUR 430L Clinical Nursing V

Clinical experiences are shared with diverse and underserved individuals, families and groups responding to self-care deficits/variances in wellness. Settings include hospice, group homes, hospitals, clinics, outpatient facilities, long-term care facilities and homes. Case management and leadership activities will be emphasized. **Corequisite:** NUR 430; **Offered in the fall semester.**

NUR 440 RN* WIP Professional Nursing V RN (6)

This course is the first of two modular courses for students who are already registered nurses. The focus is on enhancing the student's knowledge and skills in using nursing theories, utilizing information technology, applying family and group dynamics, integrating complementary therapies and working with interdisciplinary managed care in the health care system when planning care for individuals, families and groups across the life span. The roles of the nurse in health promotion, restoration and maintenance and as a manager who collaborates with the multidisciplinary team are examined. There is emphasis on identifying problems, that need to be addressed through research and on examining cultural, environmental, political and economical factors influencing the health care system. **Prerequisite or corequisite:** NUR 440 RNL; **Distance learning format available based on enrollment; Offered in the spring semester**

NUR 440 RNL Clinical Nursing V RN (1)

This course is the first of two clinical courses for students who are already registered nurses. The focus is on providing students opportunities to practice using nursing theories, utilizing information technology, applying family and group dynamics, integrating complementary therapies and understanding the concept of interdisciplinary managed care when promoting partnerships to enhance the health of individuals, families and groups across the life span. These issues are addressed through six learning modules. Clinical assignments include a variety of independent experiences where students will develop materials within their portfolio to validate their accomplishment of the course outcomes. **Corequisite:** NUR 440 RN; **Offered in the spring semester.**

NUR 450 Professional Nursing VI (9)

This course focuses on the health needs of individuals and families with a major focus on population based care for groups and communities. The focus is on the role of the professional nurse as leader, primary care provider, gatekeeper and collaborator within an interdisciplinary health team. Research is emphasized to evaluate health care in relation to outcomes and cost effectiveness. Included is a focus on developing solutions to problems identified in the analysis of the impact of changes on a health care system's strengths and weaknesses in providing quality, cost-effective care. **Prerequisites:** NUR 430 and 430L, MAT 123, NUR 314; **Prerequisite or corequisite:** MGT 435 or HRM 309; **Corequisite:** NUR 450L; **Offered in the spring semester.**

NUR 450L Clinical Nursing VI

Clinical experiences are undertaken in a variety of settings to provide students with the opportunity to provide population-focused nursing care and for patients experiencing problems related to trauma, especially related to violence and/or addictions. Experiences in community health, adult health and addictions are included. **Corequisite:** NUR 450; **Offered in the spring semester.**

NUR 460 RN Professional Nursing VI RN (6)

This course is the second of two courses for students who are already R.N.s. The course focuses on the health needs of individuals, families and groups with a major focus on population based care of communities. These needs are primarily addressed by studying three learning modules of community health and the issues related to addictions, violence, trauma and complex mental illness. The roles of the professional nurse as manager, primary care provider, gatekeeper and collaborator within an interdisciplinary health team are emphasized. Research findings are analyzed to evaluate healthcare in relation to outcomes and cost effectiveness. Included is a focus on developing solutions to problems identified in the analysis of the impact of changes on a health care system's or department's strengths and weaknesses in providing quality, cost effective care. **Prerequisite or corequisite:** MGT 305; **Corequisite:** NUR 460 RNL; **Distance learning format available based on enrollment; RN license required for entry; Offered in the fall semester.**

NUR 460 RNL Clinical Nursing VI RN (1)

This course is the second of two clinical courses for students who are already R.N.s. Clinical experiences are in a variety of settings to provide students with the opportunity to develop their knowledge and skill in practicing population-focused nursing care. Experiences in three clinical rotations, community health, mental illness within the community (addictions, violence, trauma) and management/leadership in the community are included. Gerontological issues in nursing are incorporated into each of the three rotations. Clinical assignments include a variety of independent experiences as validated by the student's portfolio and/or supervised by course faculty. **Corequisite:** NUR 460; **Offered in the fall semester.**

NUR 479-480 Independent Study (3)

This course provides an opportunity for the student to investigate, with advisement, a topic of special interest. This study may or may not include a clinical practicum. Students must secure faculty approval for this course. **Offered as needed.**

NUR 609 Professional Role Development (3)

This seminar course presents a critical analysis of the advanced practice roles in the nursing profession. The scope of practice of both clinical nurse specialists and nurse practitioners are analyzed. The legal and ethical implications of these roles are examined. The roles are further explored in terms of how they are influenced by the social, economic, political, cultural, environmental, historical and geographic forces and trends of the times. Increasing the public's accessibility to advanced practice nursing care through innovative programs, especially through entrepreneurship and grant writing are explored. Means to enhance advanced practice nursing are also analyzed. **Open to students in the R.N. program, 5-year M.S. in nursing program or with graduate standing; Offered in the spring and fall semesters.**

NUR 630 Professional Nursing VII (5)**

This capstone course focuses on developing knowledge and expertise in a specific area of nursing as selected by each student. Application of theory to promote, restore and maintain health for patients is emphasized. The roles of the advanced practice nurse as a primary care giver, advocate, consultant, researcher, manager, entrepreneur and educator within the health care system are addressed. The ethical, cultural, environmental, epidemiological, political, economical and total quality improvement factors affecting the health of the patients and the health care system will be synthesized as the concepts of managing care are explored. **Prerequisites:** NUR 450 and NUR 450L or NUR 460 RN and NUR 460 RNL, GRA 600, NUR 609, or graduate standing; **Corequisite:** NUR 630L, GRA 601, GRA 600

NUR 630L Clinical Nursing VII (4)**

This capstone clinical course focuses on developing knowledge and expertise within specific areas of nursing as selected by each student. Application of theory to promote, restore and maintain health for patients is emphasized. Developing skill in functioning within a variety of roles such as manager, educator, consultant and researcher, within a specific health care setting will be addressed. Facilitating change to promote quality outcomes of care will be explored. **Corequisite:** NUR 630

***The objectives for NUR 630 & NUR 630L will be met over two semesters. The course begins in the fall semester and ends in the spring semester. The credit allocation is as follows:**

Semester I (Fall)
 NUR 630—3 credits
 NUR 630L—2 credits
 Subtotal—5 credits

Semester II (Spring)
 NUR 630—2 credits
 NUR 630L—2 credits
 Subtotal—4 credits

TOTAL—9 credits

OT 101 Occupational Therapy Process and Theoretical Foundations I (2)

This course is an introduction to the profession of occupational therapy and the occupational therapy process. An historical perspective of the OT profession's development and the theoretical bases, its professional ethics and regulations, and the role of occupational therapist in society are covered. An introduction to the roles of occupational therapy personnel and how, as professionals, the code of ethics and professional credentials relate to practice. Students will be introduced to the theory, philosophy and research that guide practice. Current and potential environments for O.T. practice will be discussed. This course is a two-hour lecture. **Prerequisite:** OT major

OT 106 Occupational Development I (4)

This course is a study of normal occupational, neuromuscular, motor, sensory, perceptual, cognitive, and psychosocial development from birth through adolescence. It includes analysis of occupation as a facilitator and marker of human development. An introduction to occupational science and an in-depth exploration of the occupational therapy practice framework domain and process is provided. The lab includes observation of developmental markers and task analysis of developmentally appropriate occupations. This course is a three-hour lecture and a two hour lab. **Prerequisite:** OT major

OT 109 Medical & Social Conditions I (2)

This course provides an overview of selected medical and social conditions that affect engagement in occupation across the life span. Topics include selected developmental, musculoskeletal, mental health conditions and disabilities, and social conditions that affect development such as child abuse/neglect, poverty and educational level. This course is a two-hour lecture. **Prerequisite:** OT major

OT 210 Medical & Social Conditions II (2)

This course provides an overview of selected medical and social conditions, that affect engagement in occupation across the life span. Topics include selected neurological, cardiopulmonary and medical conditions and disabilities. End-of-life issues are addressed. Social conditions such as unemployment, family structure and elder abuse are discussed. The impact of environmental conditions on health is also addressed. This course is a two-hour lecture. **Prerequisite:** OT major

OT 212 Occupational Development II (4)

This course is a study of normal occupational, physical, cognitive, psychosocial and neuromuscular development from young adulthood to senescence. It will emphasize occupational choice, role performance and analysis of occupation as a facilitator and marker of human development. Lab includes analysis of developmentally appropriate occupations and application of principles of ergonomics. This course is a three-hour lecture and a two hour lab. **Prerequisite:** OT 106

OT 214 Interpersonal Skills (2)

This course is a study of selected interpersonal communication theories and skills that are the foundation of effective professional relationships and therapeutic use of self. It includes discussion, skill building and role playing with critiquing. This course is a one hour lecture and two hour lab.

OT 215 OT Delivery Systems (2)

This course is an examination of delivery models in which occupational therapists function. The health care system will be included, as will the educational system, the social system and the community. Examples of O.T. programs will be presented within each system of delivery and delivery model that affects O.T. practice. Traditional and non-traditional models of delivery of O.T. services will be described. This course is a two-hour lecture. **Prerequisite:** OT major

OT 217 Group Process (2)

This course is a study of selected group process theories and skills that are the foundation of effective group relationships, therapeutic use of self and group leadership. The course includes discussion, skill building and role playing with critiquing. This course is a one-hour lecture and a two-hour lab. **Prerequisite:** OT major

OT 319 Functional Anatomy (5)

This course is a study of human anatomy with emphasis on the musculoskeletal and nervous systems. It integrates human anatomy with analysis of movement, including measurement of action, movement within a task and biomechanics. The course includes lab and lecture. The lab includes gross anatomy dissections, CD-ROM and experiential kinesiology. This course is a three-hour lecture and four-hour lab. **Prerequisite:** BIO 107 and BIO 108

OT 320 Neuroscience For Rehabilitation (5)

This course studies the anatomy and physiology of the nervous system, neurological factors underlying dysfunction and occupational therapy approaches to treatment. It integrates neuroanatomy and physiology with movement, sensation, cognition, perception and psychological function. Selected practice models addressing psychosocial, pediatric and adult physical disabilities will be studied. The course includes lecture and lab. The lab and recitation include neuroanatomy models, neurophysiology CD-ROM, guided practice on selected therapy techniques and treatment planning based on case studies. This course includes a three-hour lecture, four-hour lab and one-hour recitation. **Prerequisite:** OT 319

OT 321 Fieldwork Seminar I (0)

This course is a seminar designed to introduce students to the fieldwork process and to prepare students for fieldwork selection. This course is one hour per week. **Prerequisite:** OT major

OT 425 OT Process and Theoretical Foundations II (2)

This course is an introduction to the theories, philosophies and research that guide practice in OT. Pediatric (referring to both children and adolescents) practice environments will be described and pediatric models will be studied. This course is two lecture hours. **Prerequisites:** OT 101 and OT 320

OT 427 OT Methods of Evaluation and Documentation I (2)

This course is an introduction to the principles and techniques of O.T. evaluation and documentation. The evaluation process, types of assessments, and the interpretation and documentation of evaluation data pertinent to pediatric practice will be included. This course is a one-hour lecture and two-hour lab. **Prerequisites or corequisites:** OT 101, OT 109, OT 210, OT 212 and OT 214; **Corequisite:** OT 425

OT 429 Child and Adolescent Intervention (4)

This course is an application of O.T. concepts and processes to prevent and remediate occupational role dysfunction in individuals from infancy through adolescence. It includes exploration and application of selected therapeutic methods, strategies and techniques. The laboratory includes guidance and practice in treatment methods. Level I fieldwork experience with children and adolescents is included. This course is a three-hour lecture and two hour lab with Level I fieldwork distributed throughout the semester.

Prerequisites or corequisites: OT 101, OT 109, OT 210, OT 212, OT 320 and OT 425

OT 432 Fieldwork Seminar II (0)

This seminar is designed to prepare students for fieldwork experiences and responsibilities. Personal and professional behaviors required on fieldwork will be discussed. Strategies for success in fieldwork will be offered. **Prerequisite:** OT 321

OT 433 OT Methods Of Evaluation and Documentation II (2)

This course is a continuation of OT 427 and offers an in-depth study of the evaluation and documentation principles and procedures used by occupational therapists. The evaluation process, types of assessments and the interpretation and documentation of evaluation data pertinent to occupational therapy practice with adults and elders will be studied. This course is a one-hour lecture and a two-hour lab.

Prerequisite: OT 427

OT 434 Adult and Geriatric Intervention (4)

This course is an integrated theory and practice course examining O.T. models and techniques for prevention and remediation of role dysfunction and maintenance of competence and adaptation in individuals from adulthood through senescence. Includes exploration of related research, introductory and advanced therapeutic assessments and techniques. Laboratory includes guidance and practice in the implementations of assessment and treatment methods. Level I fieldwork experience with adults or elders included. This course is a two-hour lecture and a three-hour lab with Level I fieldwork distributed throughout the semester. **Prerequisite:** OT 320, **Prerequisite or corequisite:** OT 433

OT 524 Research Seminar (2)

This seminar introduces students to the entire thesis/project process required to complete the master's degree in O.T. Students will be introduced to the O.T. faculty's research and project areas of interest. Students are expected to develop a researchable question, research topic or idea suitable for a master's thesis or project in occupational therapy. Students will be expected to use library skills and techniques to search computer databases and journal indexes to assist in the completion of a literature review. The use of the American Psychological Association's (APA) style guide is required in development of parts of the research proposal. This course is a two hour seminar. **Prerequisites or corequisites:** OT 101 and OT 425

OT 621 Project Seminar I (2)

The first project seminar course will provide the fundamental framework and support system needed to allow students to formulate a proposal for a viable research study. Conducted in a seminar format, students will work closely with the instructor to investigate, formulate and describe, in the proper format, a research study that each student will subsequently implement. The instructor will serve as the research supervisor for each student enrolled in the section. This course is a two hour seminar. **Prerequisites:** GRA 600 and GRA 601

OT 622 Project Seminar II (2)

This course will provide the framework and support system needed to allow students to implement, analyze and document a viable research project. This course is a two-hour seminar. **Prerequisite:** OT 621

OT 635 OT Process and Theoretical Foundations III (2)

This course is a continuation of the study of the theories, philosophies and research that guide occupational therapy practice. Adult and geriatric practice environments and practice models will be studied. This course is a two-hour seminar. **Prerequisite:** OT 425

OT 640 Clinical Fieldwork I (4)

This course allows an in-depth Level II fieldwork experience that is integral to and consistent with the curriculum design of the program. Level II fieldwork can take place in a variety of traditional or emerging practice areas in which an OT may or may not be on-site/employed. This is a full-time course lasting for 12 weeks. **Prerequisites:** OT 215, OT 427, OT 429, OT 432, OT 433, OT 434 and OT 635

OT 641 Clinical Fieldwork II (4)

This course allows an in-depth Level II fieldwork experience that is integral to and consistent with the curriculum design of the program. Level II fieldwork can take place in a variety of traditional or emerging practice areas in which an OT may or may not be on-site/employed. This is a full-time course lasting for 12 weeks. **Prerequisites:** OT 215, OT 427, OT 429, OT 432, OT 433, OT 434 and OT 635

OT 643 Management of Occupational Therapy Services (3)

This course is an advanced, in depth analysis of the knowledge and practical skills required for the application of the principles of management within the various systems in which the provision of occupational therapy services to individuals and organizations takes place. Students will participate in interactive distance learning activities on the Internet and perform independent learning activities and assignments while on Level II fieldwork. Students will be in contact via electronic communication with faculty and fellow classmates and engage in group discussions and project activity related to course material. This course consists of three hours of Internet activities per week. **Prerequisite or corequisite:** OT 641

OT 689 Professional Issues (2)

This course is a critical analysis of current professional issues specific to the delivery of services provided by occupational therapists functioning in a variety of systems and roles. This course is a two-hour seminar. **Prerequisite:** OT 640

OT 690 Community Practice (1-3)

This course is an advanced practicum in a community or education-based setting for the purpose of exploring new, nontraditional or specialty applications of occupational therapy knowledge and skills. Requirements are based on a contract negotiated between the student and the preceptor, and approved by the course coordinator. Individuals with a variety of professional backgrounds and education levels may serve as preceptors. This course includes a practicum (variable 5-15 hours per week) and a one-hour seminar per week. **Prerequisite:** OT 640

PA 302 Professional Issues (1)

This course provides an orientation to the roles and functions of the physician assistant in the health care system and the development of the physician assistant profession. **Open to physician assistant students only; Offered in the fall semester in the senior year.**

PA 303 Clinical Medicine I (5)

This course is a comprehensive study of diseases with emphasis on etiology, pathophysiology, signs and symptoms, diagnostic procedures, critical review of medical literature, preventive care and therapeutic measures involved in treating medical problems. Topics will be presented through demonstrations, discussions and clinical conferences as well as lectures by physicians, physician assistants and other appropriate health professionals. This course will include discrete blocks on major organ systems and special populations. It is closely integrated with the pharmacology, clinical skills and physical diagnosis courses. **Prerequisites:** BIO 240 and BIO 307; **Corequisites:** PA 335, PA 309 and PA 312; **Offered in the fall semester.**

PA 304 Clinical Medicine II (5)

Continuation of Clinical Medicine I. **Prerequisite:** PA 303; **Corequisite:** PA 336, PA 311, PA 313 and PA 310; **Offered in the spring semester.**

PA 305 Behavioral Medicine (2)

This course focuses on understanding human behavior in health and illness. Health, illness and sick role behaviors, psychosocial factors in the etiology of illness, patient compliance with prescribed therapeutic regimens, use of health behavior models in patient education, health maintenance, and disease prevention and sexuality will be discussed. **Offered in the fall semester.**

PA 309 Clinical Laboratory Medicine I (2)

This course explores common laboratory procedures employed in the evaluation of disease processes. Students develop proficiency in understanding such routine procedures as a CBC, urinalysis, gram stains and cultures. Students develop skills in interpreting clinical laboratory values in relation to disease, therapy and prognosis. **Prerequisites:** BIO 208, CHE 122 or equivalent; **Corequisites:** PA 303, PA 335 and PA 312; **Offered in the fall semester.**

PA 310 Clinical Laboratory Medicine II (2)

This course is a continuance of PA 309. **Prerequisite:** PA 309; **Corequisites:** PA 304, PA 336, PA 313 and PA 311; **Offered in the spring semester.**

PA 311 Clinical Skills (3)

Proper methods of performing various clinical procedures such as intravenous catheter insertion, intramuscular injections, passing nasogastric tubes, applying casts and drawing blood will be covered in this course. **Prerequisites:** BIO 208 and BIO 240; **Corequisites:** PA 304, PA 310, PA 336 and PA 312; **Offered in the spring semester.**

PA 312 Physical Diagnosis I (2)

Most of the course is devoted to the development of physical examination skills and the art of developing a rapport with patients. By the end of the course, students will have received instruction and training in basic communication skills and how to conduct a medical interview, as well as training in techniques of physical diagnosis. The course includes the use of simulated patients, as well as a range of field experiences to provide direct contact with patients and practicing physicians. This allows students to interact with patients and to integrate knowledge and skills in the setting of clinical interactions. **Prerequisite:** BIO 240; **Corequisites:** PA 304, PA 310, PA 311 and PA 336; **Offered in the fall semester.**

PA 313 Physical Diagnosis II (2)

This course is a continuation of PA 312. **Offered in the spring semester.**

PA 335 Pharmacology I (3)

This course includes topics such as drug absorption, distribution and metabolism and drug interactions. The course is closely integrated with the clinical medicine course. All major systems of the body are covered in relation to drugs and diseases. **Prerequisites:** BIO 107, BIO 108 and BIO 303; **Corequisites:** PA 303, PA 309 and PA 312; **Offered in the fall semester.**

PA 336 Pharmacology II (3)

This course is a continuation of Pharmacology I. The course explores clinical pharmacology and medical therapeutics, including disease states and their medical management. **Prerequisite:** BIO 335; **Corequisites:** PA 304, PA 310, PA 311 and PA 313; **Offered in the spring semester.**

PA 401B Internal Medicine (3)

Over a four-week period, the course provides the foundation for clinical evaluation and treatment. Training may occur in inpatient internal medicine in hospitals or outpatient internal medicine. The rotation will expose the student to adult populations and their medical problems. The student will learn clinical presentation of general medical problems, evaluation, therapeutic intervention and methods of documentation. **Prerequisite:** Successful completion of all third-year courses

PA 401C Family Medicine (3)

This course is presented on a four-week rotation and exposes students to patients from all age groups, from pediatrics to geriatrics. Students will learn the clinical presentation of general medical problems, evaluation, therapeutic intervention and methods of documentation in a family practice setting. **Prerequisite:** Successful completion of all third-year courses.

PA 402 General Surgery (3)

During the four-week general surgery rotation, students will learn management of surgical patients in the hospital and in ambulatory settings including presentation and workup of common surgical problems, as well as surgical interventions, and in-hospital care of the pre-and postoperative patient. **Prerequisite:** Successful completion of all third-year courses

PA 403 General Pediatrics (5)

This six-week rotation provides the opportunity to assess medical problems that require both inpatient and outpatient management of children. Students will get practical clinical experience in the outpatient setting managing routine childhood illnesses and health maintenance, and with the medical team in the hospital at the time of delivery assessing, the newborn and caring for children with more severe medical problems. Documentation in the medical record will augment skills previously acquired for data collection. Students will come to understand the influence that family interaction can have on the course of the patient's development, well-being and illness. **Prerequisite:** Successful completion of all third-year courses

PA 404 Obstetrics and Gynecology (3)

OB/GYN is a four-week rotation with the purpose of providing practical clinical experience for the evaluation and treatment of women. Experience will be gained in the areas of general women's health; family planning, pre-, intra- and postpartum care; as well as routine gynecologic care for sexually transmitted diseases, dysmenorrhea and menopausal health. Students will come to understand the effect that sexual activity, childbearing and menopause has on a women's psychological, social and medical well-being. **Prerequisite:** Successful completion of all third-year courses

PA 405 Psychiatry (3)

The purpose of the four-week psychiatry rotation is to provide the student with clinical experience in the varied presentations of mental illness. The student will have an opportunity to evaluate, identify and learn management of both acute and non-acute psychiatric patients. **Prerequisite:** Successful completion of all third-year courses

PA 406 Emergency Medicine (3)

Emergency medicine is a four-week rotation with the purpose of providing practical clinical experience in the care of acute medical emergencies. Students will develop an understanding of the concept of triage in an emergency situation where care is provided to the development of physical examination skills, and the art of developing rapport with patients. By the end of the course, students will have received instruction and training in basic communication skills and how to conduct a medical interview, as well as future care. **Prerequisite:** Successful completion of all third-year courses

PA 407 Geriatrics (1)

The two-week course will take place in a freestanding, long-term care facility or inpatient skilled nursing facility and provide students with experience addressing the special needs of this patient population.

PA 408 Orthopedics (3)

The four-week orthopedics rotation will give students the opportunity to observe treatment of common musculoskeletal complaints. The rotation will combine clinical experience in an ambulatory practice setting with following orthopedic patients in the hospital.

Prerequisite: Successful completion of all third-year courses

PA 409 Physician Assistant Practicum (3)

This four-week elective practicum experience offers an opportunity for physician assistant students to explore subspecialty areas of medicine not covered in the current curriculum, spend more clinical time in primary care or work with a physician that has been identified as a potential employer. Students who are found to have academic or clinical difficulties in a particular area of medicine may be required by faculty to utilize this practicum as remediation. However, it cannot be used as a repeat rotation for a previously failed clinical rotation. **Prerequisite:** Successful completion of all third-year courses

PA 411 Primary Care Core (6)

The purpose of this eight-week primary care medicine rotation is to provide an opportunity for students to apply skills and information learned during previous clinical rotations in the primary care setting. The extended time in one continuous setting will allow students to advance their understanding of basic medical practices and concepts. It also allows for more opportunity to provide follow-up care for patients.

Prerequisite: Successful completion of all third-year courses

PA 420 Professional Seminar (1)

This one-week seminar, offered to PA students in November of the senior year, exposes students to lectures in professional practice issues including certification, scope of practice, as well as ethical decision-making and certification in ACLS. Students will be tested on physical examination proficiency and participate in the national practice exam to prepare for professional certification. **Prerequisite:** Successful completion of all third-year courses; **Corequisite:** PA 400

PA 421 Professional Seminar II (1)

This course is presented as a one-week seminar for PA students in May of the senior year. During this week, students will be offered skill workshops and lectures on select medical topics while they prepare for graduation. Students will also be offered lectures on resume preparation and interviewing skills. At this time, students will complete an exit interview with their advisor. **Prerequisite:** Successful completion of all third-year courses; **Corequisite:** PA 400

PA 500 Professional Issues (1)

This course provides a historical perspective of the physician assistant profession, as well as content related to current trends and issues. The course will include discussion of the importance of professional responsibility in the health care role, as well as information on professional organizations, graduate certification and re-certification, employment considerations, professional liability and prescriptive authority.

PA 501 Elective I (3)

Elective Clinical Rotation I offers an opportunity for physician assistant students to explore subspecialty areas of medicine not covered in the current curriculum, spend more clinical time in primary care, or work with a physician that has been identified as a potential employer.

PA 502 Elective II (3)

Elective Clinical Rotation II offers an opportunity for physician assistant students to explore subspecialty areas of medicine not covered in the current curriculum, spend more clinical time in primary care, or work with a physician that has been identified as a potential employer.

PA 503 Primary Care (6)

Primary Medicine, an eight-week rotation, provides the opportunity to refine the foundation in clinical evaluation and treatment and to establish patient education and community education skills. This will occur in a setting, which provides continuity of patient care and the opportunity to establish an ongoing preceptor/P.A. relationship. Training occurs over an eight-week period at a single clinical site.

PA 504 Graduate Seminar I (1)

Graduate Seminar I offers an opportunity for physician assistant students to receive instruction in professional practice, community service, patient education, medical malpractice legislation, recognizing an impaired medical provider and other issues pertinent to their development as health care professionals. The students will also have an opportunity to participate in clinical enrichment lectures and workshops, focusing on particular issues pertaining to medical management of the critically ill inpatient.

PA 505 Graduate Seminar II (1)

Graduate Seminar II offers an opportunity for physician assistant students to receive instruction in areas of professional practice, to receive additional enrichment in areas of particular clinical interest to the student, and to address other issues pertinent to their development as health care professionals.

PA 509 Neuroanatomy (3)

This course is an in-depth training of the student to the human nervous system. Topics include embryology, neurophysiology, neuroanatomy, pathology, psychiatry and pharmacology. The accompanying lab will reinforce topics covered in the class, and include review of neurologic, sensory and psychiatric physical exam.

PA 511 Advanced Medical Microbiology (3)

This class will be a study in the conflicts between hosts and microorganisms, the possible outcomes and causative agents. As physician assistants it is becoming increasingly important to know the organisms causing infectious diseases and thereby understand the pathophysiology of the infectious disease state. Organisms to be studied will include bacteria, viruses, fungi, algae, rickettsia and intracellular parasites.

PA 512 Alternative Medicine (3)

This class will offer insight into the modalities of alternative medicine. Today's health care providers need to be proficient in alternative therapy to Western medicine. Much of the population is looking into the alternative treatment methods available for a variety of medical problems. This course will review in detail the many different options that are available to the patient who is not satisfied with Western modalities or the patient who would like to try a different approach to treatment. The combination of both treatment methods can be very successful in treating medical problems. This course will review the wide array of available modalities. The course will also include lectures from alternative medicine practitioners.

PA 603 Applied Research Methods (3)

Applied research methods is a three-credit course in which there is an overall interpretation and evaluation of scientific studies. There will be a particular emphasis on clinical research including the collection of data, relationships between research, practice and theory and analysis of research design.

PA 604 Applied Project Seminar I (3)

This course introduces research concepts at the clinical/medical setting and will be taught in a seminar format. It is designed to allow the student to develop a research project under the guidance of an instructor. The project design will be a viable research project and demonstrate advanced skill and knowledge in the area selected. Students will seek approval of the project to P.A. graduate faculty by the end of the course.

PA 605 Applied Project Seminar II (3)

A continuation of Applied Projects Seminar I, students will complete the research projects approved in that course by P.A. program faculty. Students must then do a formal presentation of the project to complete the course.

PA 606 Medical Epidemiology (3)

This course explores the study of the distribution of diseases and its injuries to the human population. Medical epidemiology is concerned with the frequency and the type of illnesses that certain groups of people may develop. Students will explore the factors that contribute and influence disease distribution and its application to the field of medicine.

PHI 101 Philosophy and the Human Condition (3)

The course explores divisions of philosophy and the perspectives of major philosophers and movements. Emphasis is placed on the history of ancient philosophy, basic logic, terminology and methodology, primary and secondary sources and periodicals. **Offered as needed.**

PHI 201 Ethics in Theory and Action (3)

This course is an examination of human conduct and responsibility and the relationships between individuals and society. **Offered in the fall and spring semesters.**

PHI 204 Logic and Practical Reasoning (3)

This course is a study of formal reasoning methods through informal fallacies, class logic and introduction to propositional logic. **Offered in the fall semester.**

PHI 214 Challenges of Death (3)

SEE RS 214

This course examines the ways that death challenges human meaning and action. Topics include the meaning of suffering and death, challenges of death to morality, psychological spiritual processes of dying and bereavement. **Offered in the fall and spring semesters.**

PHI 280 Western Ancient Philosophy (3)

This course takes a thematic approach covering the central philosophical ideas of the classical period from pre-Socratics to Plotinus. Emphasis will be given to the contributions of Plato and Aristotle to the development of Western philosophy and culture. **Prerequisite:** Philosophy 101 or 201 or permission of instructor; **Offered as needed.**

PHI 305 History of Modern Philosophy I (3)

This course explores the social and political theories in their relation to a study of the main philosophical controversies in the 16th and 17th centuries. Students read works from Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume, and are given a background on Kant. **Offered as needed.**

PHI 306 Social and Political Philosophy (3)
SEE PSC 342

This course focuses on social and political theories in their relation to philosophic problems, the nature of social and political institutions and the grounds for sound social and political decisions. **Prerequisite: PHI 201 or RS 201; Offered as needed.**

PHI 307 Metaphysics (3)

This course deals with traditional and contemporary theories of reality and change, being, transcendentals and causality. **Prerequisite: PHI 101 or junior or senior status; Offered as needed.**

PHI 308 Eastern Philosophy (3)

This course surveys Confucianism, Taoism, Buddhism and Zen and compares Eastern and Western traditions. **Prerequisite: Sophomore, junior or senior status; Offered as needed.**

PHI 309 Philosophical Perspectives: Ideas in Conflict (3)

This course is designed to acquaint students with major philosophical themes and problems that have become the framework of the philosophical enterprise. The continuity of prominent issues is emphasized, (e.g., freedom and determinism, faith and reason, universals and problems of logic and language). The methods of rationalism and empiricism underlie the approach to these perennial issues. **Prerequisite: PHI 201 or RS 201 or permission of the instructor; Offered in the spring semester of even-numbered years.**

PHI 310 History of Modern Philosophy II (3)

This course is a study of the philosophical influence of Kant and Hegel's epistemological and metaphysical development throughout the 19th and early 20th centuries. Selected works of Schopenhauer, Nietzsche, J.S. Milland and C.S. Pierce are considered. **Offered as needed.**

PHI 312 Bioethics Seminar (3) SEE RS 312

This course analyzes ethical dilemmas and problems posed by developments in the biosciences. Problems discussed include choices for life or death, allocation of resources, human experimentation, reproductive technologies and professional-client relationships. **Offered yearly.**

PHI 316 Intermediate Logic (3)

The course deals with the syntax of propositional calculus and first order quantification theory. **Prerequisites: PHI 204 or MAT 101, MAT 117 or MAT 125; Offered as needed.**

PHI 325 Ethical Decision Making in Business (3)
SEE MGT 325

This is an applied ethics course that examines policy decisions made in business and their ethical implications in society. Emphasis is placed on the theories of ethics and economic justice in relation to decisions made in business. **Prerequisite: PHI 201 or RS 201; Offered as needed.**

PHI 336 Problems in Professional Ethics (3)
SEE NUR 336

This is an interdisciplinary course that examines how sociopolitical conditions have contributed to the self image and value crisis in the health professions. A variety of problem-solving techniques are studied in order to offer alternative social policies that would reconstruct the identity of the professions. **Prerequisite: PHI 201 or RS 201; Offered as needed.**

PHI 401 Philosophy of the Person (3)

This course examines the human person and personality in its philosophical context as well as the individual and society, alienation and self affirmation. **Prerequisite: PHI 101 or junior or senior status; Offered in the spring semester.**

PHI 402 American Philosophy (3)

This course deals with the development of American philosophical thought from the 17th century to the present. **Prerequisite: PHI 101 or junior or senior status; Offered as needed.**

PHI 404 Contemporary Thought (3)

This course focuses on major contemporary currents as well as dialectical materialism, phenomenology, existentialism, analytic philosophy and representative readings. **Prerequisite: PHI 101 or junior or senior status; Offered as needed.**

PHI 409 Philosophy of Education (3)

This course is a study of the underlying philosophical assumptions that govern educational theories. Among the theories evaluated are perennialism, essentialism, experimentalism and reconstructionism. **Prerequisite: PHI 101 or junior or senior status; Offered as needed.**

PHI 410 Philosophy of Religion (3) SEE RS 410

This course analyzes ideas relevant to religious belief through a discussion of these ideas and the philosophical studies deriving from them. **Prerequisite: PHI 101 or junior or senior status**

PHI 411 Mysticism (3) SEE RS 411

This course defines mysticism, the history, theory, phenomena and practices of selected mystical schools and the positive and negative aspects of the mystical experience. **Prerequisite: sophomore, junior or senior status; Offered as needed.**

PHI 423 Philosophy of Art (3)

This course investigates and assesses the value dimensions of fine art endeavors. These endeavors include but are not limited to theater arts, drawing, painting, photography, architecture, dance and music. It explores the fundamental question of "what is art?" and analyzes a range of aesthetic works for their instrumental or intrinsic worth. **Prerequisite: Completed area coursework for minor in fine arts or permission of the instructor**

PHI 444 Internship (3-12)

The philosophy internship is a variable credit (3-12 hours), required course that encourages juniors/seniors to investigate a career through a placement in a professional setting or in development of future projects (graduate study). This allows students to work under the guidance of an immediate supervisor and/or a college faculty sponsor. **Offered as needed.**

PHI 450 Senior Research (3)

This course is comprised of individualized or small seminar research and reading projects under the instructor's supervision. Students have the option to apply for admission to PHI 600, Philosophical Theories, as a substitute for this requirement. **Prerequisite: Philosophy major and permission of instructor; Offered as needed.**

PHI 479/480 Independent Study

Qualified students may investigate selected topics with permission of the instructor. The title will reflect the course content.

PHI 489/90 Special Topics in Philosophy (3)

This course is presented in a seminar format. Philosophical problems or a major figure in philosophy are studied and are determined by student and faculty interest. **Prerequisites stated at time of offering; Offered as needed.**

PHI 600 Philosophical Methods (3)

This course examines the historical development of metaphysical and epistemological methods: existentialism, phenomenology and analytic philosophy. **Prerequisite: Graduate standing or permission of instructor; Offered in the fall and spring semesters.**

PHI 609 Ethics in Health Care (3)

This course addresses ethical issues frequently encountered by health care managers. Topics considered include bioethical theory, policy formation and decision making in the professional setting. Specific problems discussed include such issues as the right to health care, allocation of scarce resources, human experimentation and choices regarding death. **Prerequisite: Graduate standing; Offered in the spring semester.**

PHY 101 General Physics (3)

This calculus-based course is an introduction to the principles of kinematics and dynamics as they apply to both translational and rotational motion. Topics include Newton's laws, forces, friction, gravity, Kepler's laws, dot products and cross products, potential and kinetic energy, and momentum. Considerable attention is paid to the intellectual history that accompanied the emergence of the Newtonian world view. **Prerequisite: MAT 125 and MAT 126; Corequisite: PHY 101/L and PHY 111/L; This course is intended for biology, chemistry and mathematics majors but can also replace PHY 111 in allied health majors.**

PHY 102 General Physics (3)

This course is a continuation of PHY 101. The course covers statics, fluids, oscillations, sound and waves, temperature and heat, electricity and magnetism, and geometric optics. **Prerequisite: PHY 101; Corequisite: PHY 102L**

PHY 103 Physics for Engineers I (3)

This course is a calculus-based introductory course in physics enriched in material of relevance to computer science, information technology and engineering students, including: kinematics, Newtonian mechanics, momentum, energy, rotational motion, statics, materials, fluids and oscillatory motion. **Prerequisite or corequisite: MAT 125 (may be taken concurrently); it is strongly advised that PHY 103L be taken concurrently with this course.**

PHY 103L Physics for Engineers I Lab (1)

This course is a physics laboratory to accompany PHY 103. The course includes experiments in mechanics and oscillatory motion. **Prerequisites:** MAT 125 (may be taken concurrently); PHY 103 may be prerequisite but is preferably a corequisite; PHY 103L may not be taken before PHY 103.

PHY 104 Physics for Engineers II (3)

This course is a continuation of PHY 103 and is a calculus-based introductory course in physics enriched in material of relevance to computer science information technology, and engineering students, including: wave motion, thermodynamics, heat transfer, electricity, circuits and circuit components, magnetism, electromagnetic radiation and optics. **Prerequisites:** MAT 125 and PHY 103; **Corequisite:** PHY 104L must be taken concurrently with PHY 104

PHY 104L Physics for Engineers II Lab (1)

This physics laboratory accompanies PHY 104. Experiments in wave motion, thermodynamics, electricity, magnetism and optics are performed. **Prerequisites:** MAT 125 and PHY 103; **Corequisite:** PHY 104

PHY 111-112 Introduction to Physics (3, 3)

This course is designed for health services/PT majors and for other students who wish to use it to fulfill the core requirement in science. The course lecture must be taken prior to, or concurrently, with the corresponding lab. PHY 111 covers kinematics, dynamics, conservation of energy and momentum and rotational motion. PHY 112 covers statics, fluids, oscillations, sound and waves, temperature and heat, electricity and magnetism, and ray optics. PHY 111 must be taken prior to PHY 111L or concurrently with PHY 111L. PHY 112 must be taken prior to PHY 112L or concurrently with PHY 112L. PHY 111 is a prerequisite for PHY 112. **Prerequisite:** MAT 122 or permission of instructor

PHY 101L and PHY 102L (1,1)**PHY 111L and PHY 112L (1,1)**

These labs accompany PHY 101&102 and PHY 111 & 112.

PHY 142 Introduction to Astronomy (3)

This course is an introductory astronomy course for students from all majors. Students are introduced to the basics of the telescope, light, the seasons and the tides, the moon, the sun, the solar system, stars, galaxies and the search for extraterrestrial intelligence. Experience involving field use of telescopes and other observational tools is incorporated into the course. Astronomy will satisfy the non-lab core science elective or can also be used as a free elective. If taken in conjunction with the optional PHY 142L, it will also fulfill the core science requirement for a laboratory-based science course.

PHY 142L Introduction to Astronomy Lab (1)

This laboratory accompanies the introductory astronomy course. The laboratory work supplements the lectures in PHY 142, focusing on the underlying physics of light, optics, wave motion and planetary motion. **Corequisite:** PHY 142

PHY 151 Physics for Poets (3)

This introductory physics course for non-science majors aims to survey the West's understanding of the physical universe from its origins in Greek thought to the latest discoveries of the 20th century. Since this covers such a vast area of study, the emphasis will be on breadth rather than depth. However, it is hoped that the student will acquire a comprehensive overview and appreciation for the discipline called physics.

PHY 389-390 Special Topics in Physics (3)

This course presents an opportunity to study a selected topic in physics. Topics can originate with faculty or students. **Offered as needed.**

PSC 201 American Government and Economics (3)

This course is a study of the American political and economic systems including the theories underlying them, political parties, pressure groups, the money system, the credit system and the relations between government and the economy. This course meets the core requirement in political science/economics. **Offered in the fall and spring semesters.**

PSC 250/350/450 International Relations (3)

This course is a practical study and application of theory and contemporary realities of relations among nations. There is a unit on international procedures and organizations, contemporary foreign policy problems. Students will actively participate in Model United Nations at Harvard University. Students may take this course more than once. **Offered in the spring semester.**

PSC 342 Social and Political Philosophy (3)**SEE PHI 306**

This course is a study of social and political theories in their relation to philosophical problems: the nature of the social and political institutions and obligations, the basis of knowledge of social and political obligations, the grounds for sound social and political decisions. **Offered as needed.**

PSC 349 Political Activism (3)

This is a course that gives students a combination of academic knowledge and practical experience in the electoral process, utilizing field work, guided reading and seminar discussion. **Offered in the fall semester of even-numbered years.**

PSC 479-480 Independent Study (1, 2, 3)

Qualified students may investigate selected topics with permission of the instructor. The title will reflect the course content.

PSC 490 The State and Social Policy (3)**SEE SOC 490**

This course offers a historical and comparative understanding of the rise, developments and challenges faced by nation-states pertaining to the development of social policy (i.e., welfare, healthcare, social security). It focuses on the historically situated struggles social groups over access to and influence over the state, as well as development of state expertise and forms of governing. Students learn quantitative and qualitative measurement techniques used to script social policy. **Prerequisites:** SOC 102 or PSY 201

PSC 652 Politics and Economics of Health (3)

This course examines the relation of government and economics to the health care systems from the perspective of regulations and financial provisions. It looks at national, state and local political struggles and alternatives and policy issues such as cost containment and national health insurance. **Prerequisite:** Graduate standing; **Offered in the fall and spring semesters.**

PSY 101 General Psychology (3)

This course is an overall survey of the scientific study of behavior and mental processes. Topics include biology of behavior, sensation and perception, consciousness, learning and memory, intelligence, motivation and emotion, stress and personality. The course meets the core requirement in psychology. **Offered in the fall and spring semesters.**

PSY 102 History of Psychology (3)

This course examines the roots of modern psychological thought. Students will trace these roots from their early origins in philosophy and the natural sciences through the early schools of psychology and on into its current form. In addition to learning about the major schools of psychology, students will explore how cultural and political forces shaped the development of various psychological theories. In addition, students will also examine the lives of the men and women whose works created psychology's foundation. Students will select a person or a classic experiment to research and present to the class. **Prerequisite:** PSY 101; **Offered in the spring semester**

PSY 201 Research and Statistical Methods in the Social Sciences I (3)

This course provides students with an introduction to statistical and research methods. Various types of research designs and the process of developing a research proposal will be studied along with the statistical techniques for analysis of numerical data. **Prerequisite:** Core course in psychology; **Offered in the fall semester**

PSY 202 Research and Statistical Methods in the Social Sciences II (3)

This course is a continuation of PSY 201. Students will complete research projects designed in PSY 201 and develop skills in data analysis and writing research papers. **Prerequisite:** PSY 201; **Offered in the spring semester**

PSY 203 Developmental Psychology (3)

This course explores milestones of physical, cognitive and psychosocial development from conception through old age. Emphasis is placed on global principles that guide human growth and change across the lifespan. The course meets the core requirement in psychology. **Offered in the fall and spring semesters**

PSY 204 Physiological Psychology (3)

This course examines the physiological basis of behavior through consideration of nervous and endocrine system structure and function followed by a detailed analysis of specific behaviors such as aggression, ingestion, sexual behaviors, sleep, and memory and learning. **Prerequisite:** Core course in psychology; **Offered in the spring semester**

PSY 205 Social Psychology (3) SEE SOC 205

This course studies the individual in society, social learning and perception, formation and measurement of attitudes, social norms and roles, public opinion and propaganda. **Prerequisite:** Core course in psychology; **Offered in the fall semester**

PSY 206 Abnormal Psychology (3)

This course scientifically describes and discusses the forms of abnormal behavior guided by the DSM-IV. Specific focus is placed on assessment and diagnosis, etiological factors, treatment possibilities, and predictions of recovery. **Prerequisite:** *Core course in psychology*; **Offered in the fall and spring semesters**

PSY 207 Cognitive Psychology (3)

This course will examine cognitive functioning in humans through a consideration of sensory register, attention, short-term and long-term memory. Topics include encoding, retrieval, comprehension, reasoning and problem-solving, and language. **Prerequisite:** *Core course in psychology*; **Offered in the fall semester**

PSY 208 Personality Psychology

This course examines multiple perspectives on the construct of personality. It aims to provide the student with a thorough background in the major theories as well as an ability to integrate and apply the concepts in these theories. To accomplish this, students will engage in case studies as they master the theories within each major perspective. **Prerequisite:** *Core course in psychology*; **Offered in the spring semester**

PSY 209 Psychology as a Profession I

This first course in the two-semester Psychology as a Profession sequence provides a foundation for students considering a career in psychology or related fields. Students are guided in their own professional development via self-assessments of professional interests, establishment of professional goals, and how facets of the psychology curriculum can be tailored to their individual needs. As part of this exploration, students will be acquainted with contemporary and historical issues in the profession of psychology (e.g., professional organizations, licensure requirements) and will be provided with an overview of the many sub-fields and disciplines within psychology. **Prerequisite:** *Sophomore status in the psychology major, or permission of instructor*; **Offered in the fall semester**

PSY 210 Psychology as a Profession II

This second course in the two-semester Psychology as a Profession sequence provides a foundation for students considering a career in psychology or related fields. The emphasis of this seminar is to enable students to become more acquainted with baccalaureate-level career opportunities in psychology as well as professional career opportunities in psychology and related fields. Students will be guided in the process of researching and interviewing professionals within the community. Invited guest speakers from specialized careers within psychology and related fields will supplement lecture presentations of vocational and career opportunities. **Prerequisite:** *PSY 209*; **Offered in the spring semester**

PSY 353 Social Psychology of Aging (3)

This overview of psychology of aging stresses the social aspects of the aging process. Topics include theories of aging, intellectual functioning and learning; mental health of aged and organic brain dysfunction; culture and the family and aging; dying and the grief process. This experimental course will include some field observations as well as lectures and discussions. **Prerequisite:** *Core course in psychology*; **Offered in the spring semester of even-numbered years**

PSY 354 Biopsychology of Mental Disorders (3)

This course examines the genetic, neuroanatomical, neurochemical and hormonal basis of anxiety disorders, mood disorders, substance-related disorders, sexual and gender-identity disorders, personality disorders, psychotic disorders and childhood disorders. Physiological factors contributing to both the onset and maintenance of mental disorders will be covered. **Prerequisite:** *PSY 204 and PSY 206*; **Offered in the spring semester of odd-numbered years**

PSY 355 Group Dynamics (3)

This course examines in detail the complicated dynamics that emerge in groups of people. An overview is presented of the various types of groups and the effect of the group on the emotion, thought and behavior of the individual. **Prerequisite:** *PSY 205*; **Offered in the spring semester of odd-numbered years**

PSY 356 Theories of Counseling (3)

This course explores the major theories, basic concepts and techniques of counseling. The student will be expected to demonstrate a working knowledge of the terminology, concepts and counseling applications of the major counseling theories, such as Psychoanalytic, Adlerian, Person-centered, Gestalt, Rational Emotive, Existential and Family Therapy. This course is suggested for students in all areas in which such a need exists in their professional work. **Prerequisite:** *PSY 206*; **Offered in the spring semester of even-numbered years**

PSY 357 Sensation and Perception (3)

This course is a review of the visual system, auditory system, somatosensory system and systems for taste and smell. Students will experience the unique features of each sensory and perceptual system through demonstrations and experiments. **Prerequisite:** *PSY 207*; **Offered in the fall semester of even-numbered years**

PSY 358 Psychology of Human Relations (3)

This course is a study of theories and processes of interpersonal behavior. It is primarily a laboratory for human relationship training and the content is designed to help students understand themselves in order to understand and relate effectively with others. **Prerequisite:** *Core course in psychology, PSY 208 (recommended)*; **Offered in the fall semester of odd-numbered years**

PSY 363 Human Sexuality (3)

This course is designed to provide students with a multidimensional overview of human sexuality and an opportunity to clarify their own sexual value systems. Human sexuality is considered from biological, cultural, psychosocial, developmental, behavioral and clinical perspectives. **Prerequisite:** *Core course in psychology*; **Offered in the fall semester of even-numbered years**

PSY 364 Neuropsychology (3)

This course applies the knowledge gained from Physiological Psychology to an advanced study of human neuropsychology. Students will gain an appreciation of the relationship between the structure and function of the nervous system and qualities of mind and behavior. **Prerequisite:** *PSY 204*; **Offered in the fall semester of odd-numbered years**

PSY 365 Forensic Psychology (3)

This course will provide an introduction and overview to the field of forensic psychology. Attention will be given to the ways in which psychologists, either clinically or empirically, have or can influence the law in terms of issues such as assessment of competency and sanity, legal decision-making, jury composition, police psychology, eyewitness testimony, criminal behavior and profiling, and juvenile and family legal matters. **Prerequisite:** *PSY 101 (required), PSY 205 (recommended)*; **Offered in the fall semester of odd-numbered years**

PSY 366 Psychological Assessment (3)

The course will provide an introduction to and focus on the major characteristics of psychological assessment. Such assessment includes the measurement of human skills and abilities, aptitudes, and aspects of psychological functioning such as personality and psychopathology. The course will be organized in two parts. The first part of the course will provide students with a background in psychometric principles including how to evaluate tests (i.e., reliability, validity, etc.) and procedures in test development (e.g., item analysis, construct validation). Issues in effective test administration will also be covered. The latter portion of the course will cover popular means of assessment including interviewing and a survey of the most popular psychological tests. Students will gain some "hands on" experience with these assessment devices through demonstration and self-administration. **Prerequisite:** *PSY 101, PSY 201/202 or MAT equivalent*; **Offered in the spring semester of odd-numbered years**

PSY 367 Psychology of Consciousness (3)

This course examines consciousness, the "last great mystery of science". Excluded from scientific research for most of the last century, consciousness is now a rapidly expanding area of study in both psychology and neuroscience. This course will discuss all the major theories of consciousness, from those rooted in traditional Western philosophy to those coming out of neuroscience, quantum theory, and Eastern philosophy. Students will engage in readings, self-assessments, and practical exercises that will allow students to examine their understanding of their own consciousness. **Prerequisite:** *PSY 207*; **Offered in the spring semester of even-numbered years**

PSY 368 Stress and Adjustment (3)

This course explores the biology and psychology of the experience of stress. Students will learn from both lecture and self-exploration. The course will provide the opportunity for students to learn and practice traditional and "alternative" stress management skills through individual and group practice. **Prerequisite:** *Core course in psychology, PSY 208 (recommended)*; **Offered in the fall semester of even-numbered years**

PSY 453 Developmental Psychopathology (3)

This course examines the development of emotional and behavioral maladjustment in children and adolescents. Emphasis will be given to theories, assessment strategies, and research methods and findings regarding the etiology and treatment efficacy for disorders including mental retardation, the pervasive developmental disorders (autism), elimination disorders, attention deficit hyperactivity disorder (ADHD) and learning disabilities, conduct disorders, and eating disorders. Psychiatric conditions such as mood disorders, anxiety disorders, schizophrenia, sleep disorders, and emerging personality disorders will also be considered from a developmental perspective. Psychosocial factors (e.g., family violence and abuse) that have been empirically identified in affecting psychological adjustment and research regarding prevention of these emotional and behavioral problems will also be addressed. **Prerequisite:** PSY 203; **Offered in the spring semester of odd-numbered years**

PSY 454 Biopsychology of Addiction (3)

This course will examine the problem of addiction through a review of terminology, the types and effects of psychoactive substances, and the current theories from human and animal research identifying possible genetic, neuroanatomical, neurochemical and hormonal factors. **Prerequisite:** PSY 204; **Offered in the fall semester of even-numbered years**

PSY 455 Cross-Cultural Psychology (3)

This course will review the history and present status of cross cultural psychology with an emphasis on fundamental assumptions, fundamental theories and future directions. Particular emphasis will be directed to understanding American Indian, Asian American, Black American and Hispanic American individuals. **Prerequisite:** PSY 205; **Offered in the fall semester of even-numbered years**

PSY 456 Behavior Modification (3)

This course examines major theories, basic concepts and techniques of behavior modification. The student will develop an understanding of the application of operant conditioning principles, implementation of behavior modification techniques, and assessment and evaluation of program effectiveness. **Prerequisite:** PSY 101; **Offered in the fall semester of odd-numbered years**

PSY 457 Learning and Memory (3)

This course is an exploration of questions and topics such as: How do animals (human and non-) acquire, store, and retrieve information? How is new information integrated into already existing memory structures? What is forgetting, and how can memory be improved? From the relatively simple mechanisms of conditioning to higher-order cognitive constructs, the class will discuss research findings from a multidisciplinary perspective including basic and applied psychology, neuroscience, physiology and genetics. **Prerequisite:** PSY 207; **Offered in the fall semester of odd-numbered years**

PSY 458 Psychology of Gender (3)

This course is a review of the scientific literature on gender differences and their development. Discussion will include the impact of these differences on an individual's life and in society. **Prerequisite:** Core course in psychology, PSY 208 (recommended); **Offered in the spring semester of even-numbered years**

PSY 463 Special Topics in Developmental Psychology (3)

This course is an in-depth consideration of topics in the field of developmental psychology. **Prerequisite:** PSY 203, or permission of instructor; **Offered as needed**

PSY 464 Special Topics in Physiological Psychology (3)

This course is an in-depth consideration of topics in the field of physiological psychology. **Prerequisite:** PSY 204, or permission of instructor; **Offered as needed**

PSY 465 Special Topics in Social Psychology (3)

This course is an in-depth consideration of topics in the field of social psychology. **Prerequisite:** PSY 205, or permission of instructor; **Offered as needed**

PSY 466 Special Topics in Abnormal Psychology (3)

This course is an in-depth consideration of topics in the field of abnormal psychology. **Prerequisite:** PSY 206, or permission of instructor; **Offered as needed**

PSY 467 Special Topics in Cognitive Psychology (3)

This course is an in-depth consideration of topics in the field of cognitive psychology. **Prerequisite:** PSY 207, or permission of instructor; **Offered as needed**

PSY 468 Special Topics in Personality (3)

This course is an in-depth consideration of topics in the field of personality psychology. **Prerequisite:** PSY 208, or permission of instructor; **Offered as needed**

PSY 469 Psychology Internship I (4)

The purpose of this course is to allow students the opportunity to gain experience in a psychology-related field setting that is in keeping with their educational and/or vocational goals. It is the intent of the course that students will build upon their knowledge and skills in a research or community internship placement. Through agreement among the instructor/internship coordinator, the student, and the internship supervisor, the student will participate in an internship(s) for a minimum of 225 hours for the semester (~ 15 hours per week). **Prerequisite:** Senior status in the psychology program; **Corequisite:** PSY 489; **Offered as needed**

PSY 470 Psychology Internship II (4)

This course will allow students the opportunity to gain experience in a psychology-related field setting wherein they can build upon their learning experiences from their first semester of internship. Student learning may entail continued placement at their first semester of internship (in keeping with their educational or vocational goals) with the intent of advancing their skills and knowledge acquired from the previous semester, or placement in an alternative setting that enables students to develop their knowledge, professional networking, and further evaluate their educational and career goals. Through agreement among the instructor/internship coordinator, the student, and the internship supervisor, the student will participate in an internship(s) for a minimum of 225 hours for the semester (~ 15 hours per week). **Prerequisite:** PSY 469; **Corequisite:** PSY 490; **Offered as needed**

PSY 489 Senior Seminar I (2)

This course provides the student with extensive faculty and peer guidance and feedback throughout the psychology internship experience during the senior year. **Corequisite:** PSY 469; **Offered as needed**

PSY 490 Senior Seminar II (2)

This course provides the student with extensive faculty and peer guidance and feedback throughout the psychology internship experience during the senior year. **Corequisite:** PSY 470; **Offered as needed**

RS 101 Introduction to the Bible (3)

This course is a study of the sacred literature of the Jewish and Christian religions. Key concepts and great themes of both testaments are studied. **Offered as needed.**

RS 102 Belief and Unbelief in the Brave New World (3)

This introductory course in the phenomenon of religious faith examines the classic examples of the case for and against living in faith, with the view of enabling students to evaluate their own attitudes toward religion. Faith traditions of Western and Eastern cultures provide additional data for this evaluation. **Offered in the spring semester.**

RS 201 Religion and Social Responsibility (3)

The nature and principles of religious ethics in the Judeo-Christian tradition are explored with an emphasis on historical and contemporary attitudes of religion toward social responsibility. Topics for discussion include: sexuality, identity, power, violence, war, racism and medical ethics. Satisfies the core requirement for ethics. Open to sophomores, juniors and seniors. **Offered both semesters.**

RS 202 Life of Christ (3)

This is a study of the person of Jesus Christ in history and in faith including theories regarding his identity and his role, his impact on society from his day to ours. **Offered as needed.**

RS 207 Religion and Science (3)

This course examines the historical relations between religion and science, methods of scientific and theological investigation. Issues of mutual interest, such as the origin and nature of man, attitudes toward nature, scientific research and moral responsibility are discussed. **Offered as needed.**

RS 209 Major Western Faiths (3)

This course surveys the main elements of the history, thought and practice of the major religious traditions of the Western world: Judaism, Catholicism and Protestantism. **Offered as needed.**

RS 211 Catholicism Today (3)

This is a systematic study of the foundational beliefs of Catholicism: where they came from, how they have changed and how they are interpreted today. **Offered as needed.**

RS 214 The Challenges of Death (3) SEE PHI 214

This course examines the ways in which death challenges human meaning and action. Topics such as the meaning of suffering and death, challenges of death to morality, psychological spiritual processes of dying and bereavement are considered. This course is open to sophomores, juniors and seniors. **Offered in the fall and spring semesters.**

RS 309 Letters of Paul to the Early Christians (3)

This is a study of letter writing in the Hellenistic era and St. Paul's use of this pedagogical technique for addressing religious, social and cultural problems faced by the primitive Christian church. St. Paul's response to these issues in the epistles provides a framework for discussion of several major theological themes, including faith and revelation, grace and salvation, and the development of doctrine. This course is open to sophomores, juniors and seniors. *Offered as needed.*

RS 312 Bioethics Seminar (3) SEE PHI 312

Ethical dilemmas and problems posed by developments in the biosciences are analyzed. Problems discussed include choices for life or death, allocation of resources, human experimentation, reproductive technologies, professional client relationships, etc. This course is open to sophomores, juniors and seniors. *Recommended: PHI 201 or PHIRS 214; Offered both semesters.*

RS 314 The Message of the Prophets (3)

This course is designed to introduce the student to the prophetic literature of the Old Testament. The religious importance of the prophetic books will be examined through an investigation of the political, cultural and theological milieu of the Middle East from the tenth to the fifth centuries B.C. The course also explores the impact of the prophetic personality in our times regarding questions of social justice, peace and international relations. This course is open to sophomores, juniors and seniors. *Offered as needed.*

RS 408 Modern Religious Thought (3)

Current trends in religious thought are presented in seminar form. Representative theologians and theologies are examined for their understandings of God, human nature and society, and the implications of religious insight for personal and social life. *Prerequisite: One of PHI 101, RS 101, RS 102 or junior or senior status; Offered as needed.*

**RS 410 Philosophy of Religion (3)
SEE PHI 410****RS 411 Mysticism (3)
SEE PHI 411****RS 412 Special Studies in Religion (3)**

This course explores selected issues of concern to students and faculty in religious studies in seminar format. Topics are announced at the time of registration. Students follow a schedule of readings, discussion and research writing. *Prerequisites: Determined at time of course offerings; Offered as needed.*

**RSC 203 Medical Terminology (1)
SEE HS 203****SOC 101 Principles of Sociology (3)**

This course examines interactions among individuals and groups within institutions. Attention is paid to the role of the state and the super-state in perpetuating social stratification in both North America and globally, and how unequal power relations organize society and shape identities. The ways in which individuals negotiate their lives in different social and economic contexts are also considered. Fundamental sociological concepts are investigated, such as culture, socialization, stratification, social structure, social institutions, and social interactions. This course meets the core requirements in sociology. *Offered in the fall and spring semesters.*

SOC 102 Social Problems (3)

This course is designed as an introduction to major social problems, and sociological concepts and theories used to understand them. Attention is paid to problems such as inequalities related to social class, race/ethnicity, gender, employment and environmental issues. Focus is also put on social change. Sociologists contend the existence of social problems cannot be understood simply by looking at individual-level behavior. Rather, in order fully to understand societal problems and how to solve them, larger structural, cultural, and historical forces are examined. Solutions at the individual, social movement, and policy-making level are considered. This course meets the core requirement in sociology. *Offered in the fall and spring semesters.*

SOC 203 Social Theory (3)

The course is a survey of the development of sociological theories since the nineteenth century. How theory influences society and the sociocultural influences which shape theory are also explored. Emphasis is on theory in the late twentieth and twenty-first centuries. *Offered in the spring semester*

SOC 211 The Changing Social World

This course is designed to help make sense of a rapidly changing world of increasing global interdependence, violence, expanding knowledge and telecommunications, changing values, clashes between religious and secular agendas, transforming family relations and shifting patterns of social inequalities. A number of explanations of social change will be identified and discussed. Special focus is placed on how major social trends influence individuals, intergroup relations and various organizations such as family, work and community. Students will enhance their abilities to plan and shape their own lives in the world around them. *Prerequisite: Core course in sociology; Offered in the fall and spring semesters.*

SOC 214 Cultural Diversity (3)

The course focuses on the experiences of those from culturally marginalized groups within the larger Western culture. Attention is paid to concepts such as the social construction of race, colonialism/postcolonialism, institutional racism, deculturalization, cultural hegemony and forms of resistance. *Prerequisite: Core course in sociology; Offered in the spring semester of odd-numbered years*

SOC 215 Research Methods in Sociology (3)

In this course, students are introduced to qualitative methods and the basics of interpreting statistics. Students learn how to analyze and evaluate existing research, construct a research project, conduct focus groups and in-depth interviews, and analyze policy and primary documents. Ethical considerations regarding conducting research and uses of research are discussed. *Prerequisite: Core course in sociology; Offered in the fall semester.*

SOC 231 Women, Men and Society (3)

This course is an exploration of the concept of gender, and how gendered forms of meaning making are shaped culturally, internalized and enacted. Attention is also placed on challenges and alternatives to conventional gender prescription, the confluence of gender and power, sexism and homophobia, and the meanings of gender in various religious, ethnic/racial, class and age groups. *Prerequisite: Core course in sociology; Offered in the fall semester.*

SOC 232 Sociology of Human Rights (3)

This course is designed as an investigation of human rights concerns in contemporary society. Attention is paid to human rights abuses experienced by women, men and children in both North America and a global context. Key documents are related to the human rights movement are analyzed as are major debates in their field. *Prerequisite: Core course in sociology; Offered in the spring semester.*

SOC 308 Sociology of Deviant Behavior (3)

This course presents an analysis of the nature and meaning of deviance in society and involves a detailed examination of various behaviors commonly regarded as deviant. These may include abuse of power in politics and corporations, physical and sexual violence, crime, and addictions. *Prerequisite: Core course in sociology; Offered in the fall semester of even-numbered years.*

SOC 309 Sociology of Disability and Rehabilitation (3)

The consequences of disability can have an impact at many levels. The effects of disability (personal, interpersonal and cultural) have significant implications for persons with disabilities, rehabilitation workers and the rehabilitation system. This course will analyze the effects of disability within a sociology framework. *Prerequisite: Core courses in sociology; Offered in the fall semester of even-numbered years.*

SOC 310 Sociology of Urban Education (3)

In this course, students analyze core problems facing urban public schools. Issues explored include funding inequities, testing schemes, privatization, high-stakes testing, bilingual education, curriculum control, and the impact of poverty on schooling. Attention is also paid to the experiences of students who come from culturally diverse backgrounds, and to immigrant and refugee youth. The possibilities of public schools are investigated throughout this course, as is the potential for reform through the use of critical pedagogy and equitable policy initiatives. *Offered in the fall semester of odd-numbered years.*

SOC 311 Sociology of Families (3)

This course emphasizes the changes in contemporary families, compositions of families, expectations of family members, current policies impacting families, and family as a political issue. Consideration is also given to the myths and stereotypes of family life. *Prerequisite: Core course in sociology; Offered in the fall and spring semesters.*

SOC 312 Sociology of Sports and Physical Activity (3)

This course explores the social and cultural aspects of sport and physical activity. Students will study a range of topics including drug use in sport, equality of opportunity for women and people of color, social patterns and cultural perceptions of sports injury, exercise and preventive health, homophobia, gender and racial discrimination in sport, educational impacts of athletic participation, athletic participation and adolescent health, and violence in sport. Sociological, anthropological and historical perspectives will be used in this course.

SOC 322 Health, Illness and Society (3)

This is a critical survey and analysis of theory and research on health institutions in modern society as well as social etiology of disease, sociological components in treatment, hospital organization and medical practice and sociology of medical education. *Prerequisite: Core course in sociology; Offered in the spring semester of even-numbered years.*

SOC 323 Sociology of the City (3)

The course deals with the processes of urbanization and conditions of urban life. Topics include the nature of urban social relationships, the organization of city life, urban ecological patterns and demographic conditions and regional influences on metropolitan centers. **Prerequisite:** Core course in sociology; Offered in the spring semester of even-numbered years.

SOC 400 Social Epidemiology (3)

Students will participate in the graduate course in social epidemiology and meet a reduced level of academic requirement commensurate with their undergraduate status and skills. This course presents an overview of social epidemiology or the area of study that seeks to understand factors and conditions that determine the occurrence and distribution of disease, health, defects, disability and death among groups of people. **Prerequisites:** Students must have completed a minimum of 21 credit-hours of required and/or elective hours in sociology and attained junior or senior status

SOC 408 Collective Behavior (3)

This course is designed to present the study of collective behavior, collective action and social movements. Attention is given to various sociological theories used to explain these behaviors. The focus includes fads and fashion, sports fans, crowds/mobs that form and dissolve quickly, formal organizations and interest groups that spring up in the aftermath of disasters, outbreaks of social protest, and full-blown social movements. Students will consider the particular circumstances which bring about collectivity, the actions taken by the group, media and public response, and the political impact of the behavior. **Offered in the spring semester of odd-numbered years.**

SOC 410 Senior Project (3)

The senior project involves a major research paper and is highly recommended for students planning on graduate school in sociology or related field. **Prerequisite:** Senior status; Offered as needed.

SOC 420 Variable Topics (3)

This is an in-depth consideration of a special topic, problem or issue in sociology. The course may be taken more than once. **Prerequisite:** SOC 101 or SOC 102 or permission of the instructor; Offered as needed.

SOC 441 Case Studies in Urban Sociology (3)

SEE HIS 441

This course combines on-campus lectures about the geography, history, culture and society of a designated urban center with a one-week service learning experience in that city. Campus lectures will take place in the fall semester and the one week of service learning is held between semesters, in January.

SOC 444 Internship (3-12)

The sociology internship is a variable credit (3-12 hours), required course that encourages juniors/seniors to investigate a career through a placement in a professional setting or in the development of future projects (graduate study). This allows students to work under the guidance of an immediate supervisor and a college faculty sponsor. **Offered as needed.**

SOC 479-480 Independent Study

Qualified students may investigate selected topics with the permission of the instructor. The title will reflect the course content.

SOC 490 The State and Social Policy (3)

SEE PSC 490

This course offers a historical and comparative understanding of the rise, developments and challenges faced by nation-states pertaining to the development of social policy (i.e., welfare, healthcare, social security). It focuses on the historically situated struggles social groups over access to and influence over the state, as well as development of state expertise and forms of governing. Students learn quantitative and qualitative measurement techniques used to script social policy. **Prerequisites:** SOC 102 or PSY 201

SOC 600 Epidemiology (3)

This course focuses on social epidemiology, the factors determining the occurrence and distribution of disease, health defects, disability and death among groups. The interdisciplinary nature of epidemiological theory, statistical measures commonly used, and an analysis of the distribution of health care in the United States are studied. **Prerequisite:** Graduate standing; Offered in the fall semester.

SPA 101 Level I (3)

This introductory course teaches the basic skills: listening, speaking, reading and writing. For students who have never had Spanish or who have had one year of high school Spanish. **Offered in the fall and spring semesters.**

SPA 102 Level II (3)

This course is a continuation of SPA 101. **Prerequisite:** SPA 101 or two years high school Spanish; Offered in the spring semester.

SPA 115 Spanish Communication for Native Speakers (3)

This course is designed for students who are native Spanish speakers and for those students who have near-native language skills and receive permission from the instructor. Emphasis is placed on grammar, written and oral communication in standard Spanish, and reading and composition skills. **Offered as needed.**

SPA 116 Spanish for Native Speakers (3)

This course is a continuation of SPA 115. **Offered as needed.**

SPA 201 Level III (3)

This course explores more advanced grammar and intensive practice in basic communication skills. **Prerequisite:** SPA 102 or three years of high school Spanish with a grade of A or better; Offered as needed.

SPA 202 Level IV (3)

This course is a continuation of SPA 201. **Prerequisite:** SPA 201 or four years of high school Spanish with a grade of A or better; Offered as needed.

SPA 211 Conversation and Composition (3)

This course is designed to give students already familiar with Spanish a greater opportunity for oral and written expression. It includes a review of grammar but assumes the students are already knowledgeable in this area. **Prerequisite:** SPA 202 or four years of high school Spanish or permission of the instructor; Offered as needed.

SPA 215 Hispanics in the U.S. (3)

The course explores the life and culture of people of Hispanic origin who live in the U.S.: Chicanos, Puerto Ricans and Cubans. Attention is given to Spanish language skills, reading, composition and conversation. **Prerequisites:** SPA 202 or four years of high school Spanish, or permission of instructor; Offered as needed.

SPA 225 Spanish for Health Professions (3)

This second-level course is directed to helping students acquire communication competence in the area of health. Special emphasis on vocabulary, situational conversation, and written forms of communication. **Prerequisite:** SPA 101/102 or equivalent or permission of the instructor; Offered as needed.

SPA 226 Spanish for Health Professions II (3)

This course is a continuation of SPA 225. **Prerequisite:** SPA 225 or permission of instructor; Offered as needed.

SPA 250 Cross Cultural Seminar (3)

This course combines on-campus lectures about the history, culture and society of a Latin American country with a two-week stay in that country. While abroad, students attend on-site presentations at schools, hospitals, and points of cultural interest. The course is offered in the spring, and travel takes place after final exams in May. **Offered as needed.**

SPA 304 The Contemporary Latin American Short Story (3)

This course focuses on reading of short fiction by, among others, Jorge Luis Borges, Gabriel García Márquez, Juan Rulfo, Julio Cortázar and Mario Vargas Llosa. Class discussions and course essays will be in Spanish. **Prerequisites:** SPA 115 or SPA 116, SPA 211 or higher, or four years of high school Spanish with a grade of A or better and permission of instructor; Offered as needed.

SPA 315 Literature of Hispanics in the U.S.: Poetry and Short Stories (3)

This survey of short stories and poems reflects the perspectives and experiences of the three largest U.S. Hispanic communities: Puerto Ricans, Chicanos and Cubans. **Prerequisite:** SPA 211 or permission of instructor; Offered as needed.

SPA 321 Puerto Rican Literature (3)

This course explores the history of Puerto Rican literature and combines readings and discussions of selections from significant Puerto Rican authors from the 19th and 20th centuries. **Prerequisite:** SPA 115 or SPA 116; or SPA 211 or higher; or four years of high school Spanish with a grade of A or better; and permission of instructor; Offered as needed.

SPA 340 Topics in Spanish and Latin American Literature (3)

The course explores topics in Spanish or Latin American literature including theater, poetry, novels and short stories. Topics selected will be determined by student and faculty. **Prerequisites:** SPA 115 or SPA 116; SPA 211 or higher; or four years of high school Spanish with a grade of A or better and permission of instructor; Offered as needed.

SPA 479-480 Independent Study

Qualified students may investigate selected topics with permission and under supervision of the instructor. Meeting times will be arranged between faculty member and student.

SPE 201 Public Speaking (3)

This is an introduction to speaking before groups and includes techniques of speech preparation and delivery, adapting to the purpose of the speaking situation, and practice in various types of oral presentation in a comfortable workshop atmosphere.

THE 104 Theater Production (3)

This course acquaints students with theater history and the elements of theater (the roles of the playwright, director, producer, actor, scenic-lighting/sound and costume designers) as well as key developments, periods, playhouses and figures of influence in theater's evolution.

THE 202 Introduction to Acting (3)

This course will introduce students to the fundamentals of character development through work on short scenes from major plays. A review of various theories of acting, from Stanislavski and Uta Hagen to the Meisner approach to acting, will dovetail the development of a living character on stage with script analysis.

THE 444 Theater as Outreach (3)

A practical workshop aimed at equipping students from all disciplines in the use of theater-based techniques in schools, community or non-theatrical environments (hospitals, therapeutic settings, youth centers, business retreats, etc.)

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All directories are effective as of June 1, 2009.

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PLACEMENT

The following are the overall career progress results from the graduating class of 2007, based upon the annual survey:

Total graduates.....	670
Total responses to the annual survey.....	59.9%

Based upon the responses, the following were tabulated:

Graduates in full-time or part-time graduate school.....	19%
Graduates planning to attend graduate school.....	4.5%

Note: Graduate school rates are affected by the fact that many D'Youville graduates obtain their master's degree from the college's combined programs.

Successful Placement for 2007.....	93.1%
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(includes direct career employment, graduate school and other employment)

RETENTION

To comply with the Student Right-to-Know and Campus Security Act, the college must report its completion or graduation rate of full-time degree seeking undergraduate students. For those students who entered D'Youville College in the fall of 2001, the percents of those completing their degree program by August 2007 are the following:

Full-time, first-time college students.....	51.5%
Transfer students.....	63%

Research conducted across the nation on completion rates of full-time students entering as freshmen are between 40 and 49 percent depending on the research study.

Please note these statistics reflect both four year programs and five year dual-degree programs combined.

If you desire more information, please contact the director of retention services at (716) 829.7726.

Accreditation and Memberships

D'Youville College is accredited by the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104-2680, Telephone 215.662.5606, Fax 215.662.5501.

The baccalaureate and master's degree programs in nursing are accredited by the Commission on Collegiate Nursing Education. Course of instruction are registered with the Office of Higher Education of the New York State Education Department.

- Accreditation Council for Occupational Therapy Education
- Accreditation Review Commission on Education for the Physician Assistant
- American Association for Higher Education
- American Association of Colleges of Nursing
- American Association of Collegiate Registrars and Admissions Officers
- American Association of University Professors
- American College Health Association
- American Council on Education
- American Library Association
- American Management Association
- American Society for Training and Development
- Association for Gerontology in Higher Education
- Association of American Colleges
- Association of College Unions International
- Association of Colleges and Universities of the State of New York
- Association of Governing Boards
- College Entrance Examination Board
- College Stores Association of New York State
- College Student Personnel Association
- Commission on Accreditation for Dietetics Education
- Commission on Accreditation for Physical Therapy Education
- Commission on Collegiate Nursing Education
- Commission of Independent Colleges and Universities of the State of New York
- Continuing Education Association of New York
- Council for Advancement and Support of Education
- Independent College Fund of New York
- IACBE: International Association of College Business Education
- Kappa Gamma Pi
- Lambda Sigma Society
- Medical Library Association
- Middle States Association of Colleges and Schools
- Middle States Association of Collegiate Registrars and Admissions Officers
- National Association of College Admissions Counselors
- National Association of College Attorneys
- National Association of College Stores
- National Association of College and University Business Officers
- National Association of Student Personnel Administrators
- National Student Financial Aid Association
- New York State Library Association
- New York State Personnel Guidance Association
- NYS RATE: New York State Regents Accreditation of Teachers Education
- Niagara Frontier Industry-Education Council, Inc.
- Northeast Association of Pre-Law Advisors
- Sigma Theta Tau
- Society for College and University Planning
- Western New York Campus Exchange
- Western New York Consortium of Higher Education
- Western New York Library Resources Council

F			H			M		
Faculty.....	144	Health Services.....	11, 66–67	Management.....	78–79			
Family Education Rights and Privacy Act of 1974.....	39	Health Services Administration Department.....	43	Mathematics.....	80			
Federal Parent Loans for Undergraduate Students...	22	HEOP.....	13	Mathematics and Natural Sciences Department.....	43			
Federal Stafford Loan Refunds.....	18	Heritage.....	4	Matriculating students.....	32			
Federal Supplemental Educational Opportunity Grants.....	20	Higher Education Opportunity Program (HEOP).....	13	McConville Student Loan Fund.....	22			
Federal Work-Study Program.....	21	History.....	68–69	McTaggart-D'Youville Student Loan Fund.....	22			
Fees.....	16	Holistic Health Studies, Integrative Department.....	43	Memberships.....	155			
FERPA.....	39	Honorary Awards.....	5, 38	Mentor Program.....	11			
Financial Agreements.....	17	I			Military Science.....	81		
Financial Aid..... 2, 11, 16, 26, 29, 30,	155	Incomplete Grades.....	29	Minors.....	82–87			
Financial Aid Application Process.....	26	Independent Study.....	35	N				
Financial Aid Glossary.....	30	Information Technology.....	70–72	Non-matriculating students.....	32			
Financial Arrangements.....	17	Instant Scholarships.....	20	Nursing.....	88–95			
Financial Assistance.....	20	Instructional Support Services.....	45	Nursing Department.....	43			
FRESH START Rule.....	38	Integrative Holistic Health Studies Department.....	43	Nursing Student Loan.....	21			
Fresh Start Rule.....	14	Interdisciplinary Studies.....	73–74	O				
G			International Business.....	75–77	Occupational Therapy.....	96–99		
General College Requirements.....	33, 37	International Student Admission.....	15	Occupational Therapy Department.....	44			
Global Studies.....	64–65	Application Process.....	15	Off-Campus Study.....	36			
Grade Change.....	37	Requirements.....	15	Organizations.....	12			
Grade Reports.....	32	K			OSAP.....	25		
Grades and Quality Points.....	32	Kavinoky Theatre.....	12	L				
Graduation Candidacy.....	38	L			Learning Center.....	11, 45		
Verification.....	38	Leave of Absence.....	37, 38	Liberal Arts Department.....	43			
Graduation Honors.....	38	Loans.....	21					
Grants.....	20							
Grievance Procedure.....	11							
Guaranteed Tuition Plan.....	17							
Guiding Principles of D'Youville.....	5							

P		S	W
Pass/Fail Option.....	35	Satisfactory Academic Progress for Financial Aid from New York State.....	Waivers, Tuition.....
Payment and Refund.....	18	26	24
Pell Grants.....	20	Satisfactory Academic Progress Regulations Governing	WIP.....
Perkins Loan.....	21	Title IV Federal Aid Recipients	Withdrawal from a Course.....
Personal Counseling.....	11	Grace Period and Loss of Title IV Aid.....	Withdrawal from the College.....
Personal Interview.....	13	28	37, 38
Philosophy.....	100	Scholarships.....	Work-Study
Physical Therapy.....	101–103	20, 23	Federal Work-Study Program.....
Physical Therapy Department.....	44	Second Bachelor's Degree.....	Student Employment Program.....
Physician Assistant.....	104–108	34, 38	21
Physician Assistant Department.....	44	Security.....	Writing Intensive Program (WIP).....
Placement.....	154	11	41
Policies and Procedures.....	31	SEOG.....	
Policy on Academic Integrity.....	31	SERVICES TO STUDENTS.....	
Prerequisites and Corequisites.....	34	9	
President's Message.....	3	Service Members Opportunity Colleges (SOC).....	
Presidential Honors Scholarship.....	20	Sociology.....	
Psychology.....	109–111	112	
		Student Activities.....	
		11	
		Student Association (SA).....	
		12	
		Student Employment Program.....	
		21	
		Study Abroad Through D'Youville College.....	
		22	
		Study Abroad Through Other Colleges.....	
		22	
		Subsidized Federal Stafford Loans.....	
		21	
		Summer Sessions.....	
		17	
Q		T	
Quality Point Average.....	32	TAP.....	20
Quality Points.....	32	Transcript of Academic Record.....	39
		Transfer Achievement Scholarship.....	20
		Transfer Credit.....	33
		Transfer Credit Policy.....	14
		Tuition and Fees.....	16
		Tuition Assistance Program (TAP) Grants.....	20
		U	
		Unsubsidized Stafford Loan Program.....	22
		V	
		Veterans Benefits.....	22
		Violations of the D'Youville College Policy	
		on Academic Integrity.....	31
R			
Re-Admission.....	14		
Refund.....	18		
Refund Policy.....	29		
Registration.....	34		
Religious Holidays.....	39		
Repeating a Course.....	35		
Reserve Officers' Training Corps (ROTC).....	45		
Residential Living.....	9		
Residential Requirements.....	9		
Resident Students.....	16		
Retention.....	154		
Room Deposits.....	17		
ROTC.....	45		



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