

BULLETIN 2008-2009

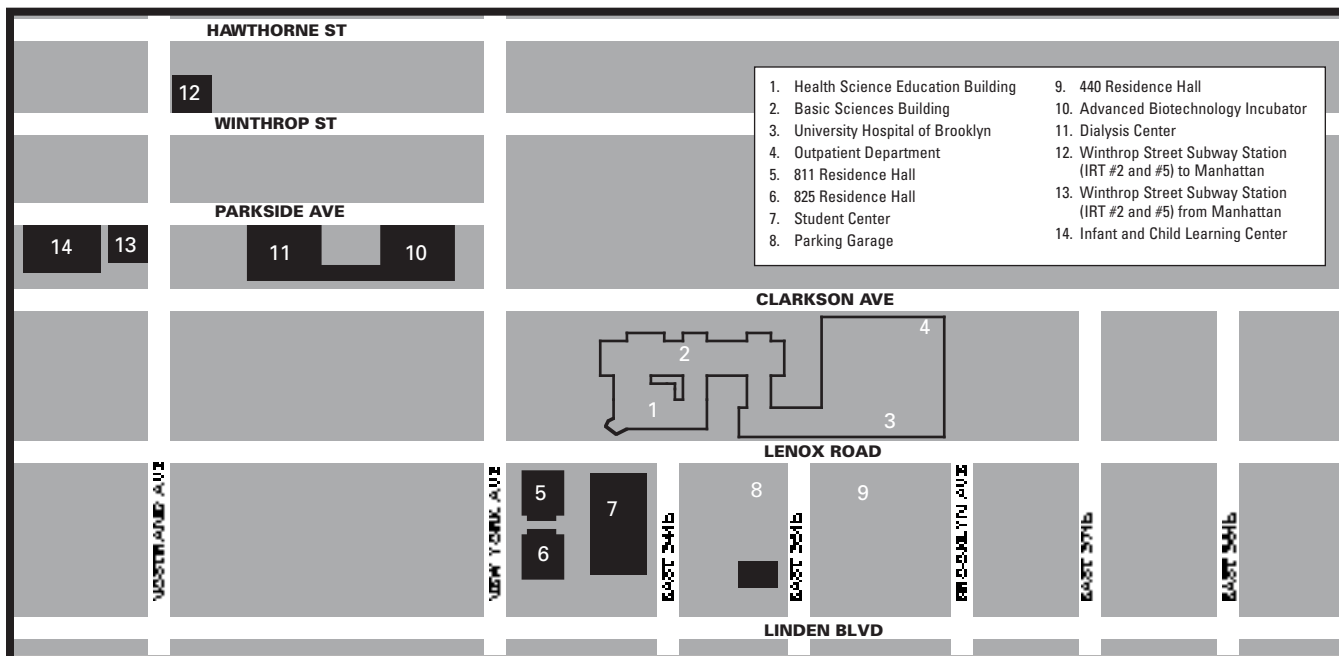
SUNY Downstate Medical Center

College of Nursing

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Transportation to SUNY Downstate

SUNY Downstate is located at 450 Clarkson Avenue, just off New York Avenue.

BY AUTOMOBILE

From Manhattan:

Manhattan Bridge: exit onto Flatbush Avenue. Continue approximately three and one-half miles to Parkside Avenue. Turn left onto Parkside Avenue and travel four blocks to New York Avenue. Turn right at New York Avenue and continue one block to Clarkson Avenue.

Brooklyn Bridge: stay to the left at the end of the bridge, following the ramp to Boerum Place, which becomes Adams Street. Continue along Adams Street to Atlantic Avenue. Turn left onto Atlantic Avenue and continue to Flatbush Avenue. Turn right onto Flatbush Avenue and continue approximately two and one-half miles to Parkside Avenue. Turn left onto Parkside Avenue and travel four blocks to New York Avenue. Turn right at New York Avenue and continue one block to Clarkson Avenue.

Brooklyn-Battery Tunnel (toll): exit onto the Brooklyn-Queens Expressway. Continue approximately one mile, staying to the left, and exit onto Prospect Expressway. Travel three exits to the Fort Hamilton Parkway exit. Continue through two traffic lights to Caton Avenue. Turn left onto Caton Avenue, and continue sixteen blocks to Flatbush Avenue. Turn left onto Flatbush Avenue and continue two blocks to Parkside Avenue. Turn right onto Parkside Avenue and travel four blocks to New York Avenue. Turn right at New York Avenue and continue one block to Clarkson Avenue.

From Staten Island and Newark International Airport:

Verrazano Narrows Bridge (toll): follow bridge to Route 278, the Gowanus Expressway. Travel approximately five miles to the Prospect Expressway exit. Continue on the Prospect Expressway three exits to the Fort Hamilton Parkway exit. Travel along East 5 Street through two traffic lights to Caton Avenue. Turn left onto Caton Avenue, and continue sixteen blocks to Flatbush Avenue. Turn left onto Flatbush and continue two blocks to Parkside Avenue. Turn right onto Parkside Avenue and travel four blocks to New York Avenue. Turn right at New York Avenue and continue one block to Clarkson Avenue.

From Long Island and Airports:

Southern Long Island and JFK: West on Belt Parkway to North Conduit Boulevard exit (Exit 17W). Continue on North Conduit Boulevard for about 3/4 mile. Fork left onto Linden Boulevard, and take Linden Boulevard to New York Avenue. Right two blocks on New York Avenue to Clarkson Avenue.

Northern Long Island and LaGuardia: Take Grand Central Parkway to Jackie Robinson Pkwy (formerly Interboro Pkwy). Continue to Pennsylvania Avenue exit. Follow Pennsylvania to Linden Boulevard, turn right onto Linden. Take Linden Boulevard to New York Avenue. Right two blocks on New York Avenue to Clarkson Avenue.

PARKING

Valet Parking is available Mondays through Fridays from 6:00 a.m. to 6:00 p.m., located in front of the 445 Lenox Road hospital entrance at the valet parking booth. The fee is \$10.00 (this service is not available on weekends or holidays). When the valet parking service is not available, a limited number of spaces for visitors are available at a nominal cost at the Center's Parking Garage on East 34th Street, between Linden Boulevard and Lenox Road. There are also several private parking lots in the area.

BY RAILROAD

Long Island Railroad

Take any train to the Jamaica station. Change to Brooklyn-bound train (track 3). Take to the Flatbush Avenue terminal. Follow subway directions from there.

Metro-North Railroad

Take any train to Grand Central Terminal. Change to Brooklyn-bound 4 or 5 trains. Follow subway directions from there.

BY SUBWAY

During rush hour, take the IRT Flatbush Avenue Line (#2 Seventh Avenue or #5 Lexington Avenue) trains to the Winthrop Street station. [Take any IRT Brooklyn-bound train (#2, 3, 4, or 5) to Nevins Street in Brooklyn, changing there for a #2 or #5 marked "Flatbush Avenue." Note that the #5 runs only during rush hours.] Exit at Nostrand and Parkside avenues. Cross Nostrand Avenue and walk one block on Parkside Avenue until it ends at New York Avenue. Turn right onto New York Avenue. Cross New York Avenue and walk east on Clarkson Avenue until the entrance at 450 Clarkson Avenue. The Admissions Office is located at 450 Clarkson Avenue.

Nights and outside of rush hours, take the subway to Church Street. Walk three short blocks east on Church Avenue to New York Avenue, left three blocks to Clarkson Avenue, right to 450 Clarkson Avenue. Or transfer to an eastbound B-35 bus to the northbound B-44 at Church and New York avenues. (Downstate students and employees can call 718-270-2626 to arrange for transportation from Church Avenue.)

BY BUS

The B-12 and northbound B-44 buses stop at the corner of Clarkson and New York Avenues. The following lines connect with the B-12 along Clarkson Avenue: B-41, B-44, B-46, and B-49.

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SUNY Downstate Medical Center

EDUCATIONAL MISSION STATEMENT

SUNY Downstate's Colleges of Medicine, Health Related Professions, and Nursing, and its School of Graduate Studies offer students a broad professional education that prepares them for practice or careers in any location and community. This education provides exceptional opportunities for those students with a commitment to promoting health in urban communities and addressing the complex challenges of investigating and preventing diseases that confront clinicians, educators, and researchers in such an environment.

This special aspect of Downstate's unique mission is reflected in the students it attracts and selects, the vast majority of whom are drawn from the New York City metropolitan area. Many of these students are members of minority and cultural groups underrepresented in the health professions, and/or come from families of first-generation immigrants or from economically disadvantaged backgrounds.

The differences in the background and outlook that students bring with them can enhance the quality of the educational experience of all students at SUNY Downstate. The belief that diversity adds an essential ingredient to the educational process is one of Downstate's primary tenets. Many factors, such as race, ethnic or cultural background, academic achievement, geographic location, diversity of experiences, leadership roles, and socioeconomic background, are taken into consideration in the admissions process. A diverse healthcare workforce will be better equipped to provide culturally competent care to an increasingly diverse population.

SUNY Downstate Medical Center, formally known as the State University of New York Health Science Center at Brooklyn, is one of four academic health centers within the 64-unit State University of New York. Located on an urban campus in the East Flatbush section of Brooklyn, SUNY Downstate includes the College of Nursing, College of Health Related Professions, College of Medicine, School of Graduate Studies, Graduate Public Health Program, and University Hospital of Brooklyn.

Downstate is a major provider of medical education, health care, and research. BS, MS, MPH, MD, DrPh and PhD degrees are granted. It has a total student body of 1,500, a faculty of 4,755 (including full-time, part-time, and voluntary staff), and 3,182 support staff that study and work on its 13-acre campus. The oldest and largest component of the campus is the College of Medicine, founded in 1860 as the Long Island College Hospital, this country's first teaching hospital and the prototype for all subsequent medical centers. The 'Downstate' era began on October 5, 1950, when a merger contract was signed with the newly constituted State University of New York. The College of Nursing and College of Health Related Professions were founded in 1966 in recognition of the critical need for multi-disciplinary health-care professionals. Today, SUNY Downstate is the focal point of a health education network that encompasses a broad network of hospitals, clinics, and community centers. In 1998, one of its researchers, Dr. Robert F. Furchgott, received the Nobel Prize in Medicine.

THE COLLEGE OF NURSING

The growing complexity of nursing practice calls for a broader base of knowledge, higher skill levels, and a stronger foundation for graduate education. The National Advisory Council on Nurse Education and Practice has recommended that by 2010, two-thirds of all RN's in the workforce should have at least bachelor's degrees. Toward this end, the College of Nursing offers an under-

graduate, upper-division RN to BS degree program for students who are already licensed as professional nurses and an Accelerated BS program for students who hold a degree in another field but who are seeking basic preparation for beginning nursing practice. The RN-to-BS program is one of the largest in New York State. The College of Nursing is one of four nursing schools in New York State to offer master's degree programs in advanced nursing practice roles: clinical nurse specialist, nurse practitioner, nurse anesthesia, and nurse-midwifery. For nurses who already hold master's degrees, the college offers certificate programs for preparation as nurse practitioners. Additionally, students may obtain concurrent degrees in Downstate's Graduate Public Health Program. The College of Nursing also sponsors continuing education for practicing professional nurses from the community.

ACCREDITATION

SUNY Downstate Medical Center is accredited by the Middle States Association of Colleges and Secondary Schools. The college is accredited by the Commission on Collegiate Nursing Education and is a member of the Council of Member Agencies of the Department of Baccalaureate and Higher Degree Programs of the American Association of Colleges of Nursing. The academic programs of the College of Nursing are approved and registered by the State University of New York and by the New York State Education Department.

The Council on Accreditation of Nurse Anesthesia Educational Programs (COA) has placed the SUNY Health Science Center at Brooklyn Nurse Anesthesia Program with Harlem Hospital Center Kings County Hospital Center on probation effective April 10, 2008. Probation shall not exceed one (1) year in length and shall not extend beyond April 9, 2009. As per the policy of the COA, no students shall be admitted to the program during the period of probation.

Mission and Philosophy

The mission of the College of Nursing is to serve as a center of excellence. Graduates of the programs are prepared as multicultural leaders who are empowered to effect change in health policy and provide culturally competent care to diverse, underserved clients in urban community-based settings. The College of Nursing is committed to improving the health care of its urban community. Evidence-based practice, humane spirit, and clinical and academic excellence are integral to the mission of the College.

PHILOSOPHY

All clients are open systems and may be defined as culturally diverse individuals, families, communities, or groups in a society. Stress and reaction to stress are basic components of an open system. The open-system model considers the simultaneous interaction of physiological, psychological, socio-cultural, developmental, and spiritual variables affecting the client system. These systems are in dynamic interaction with internal and external forces of the environment and tend to move toward wellness/stability, illness, or death.

HEALTH

Health is viewed as a continuum from wellness to illness, with client systems experiencing changing levels of health influenced by the continuous, dynamic interaction between the person and the environment. All individuals' perception of health are unique and reflect their genetic and cultural heritage, the social conditions in which they live, and the societal norms. Wellness is a harmonious balance between these variables. When there is an imbalance between the variables, the opportunity for nursing intervention arises and the person or group may become the client of nursing.

NURSING

Professional nursing is an intellectual, interpersonal, and integrative practice. It has as its focus the client and is a humanistic, caring, and ethical endeavor. It is concerned with all the variables affecting a client's response to stress. In order to incorporate the client as a full partner in decisions affecting health, resolution of differences in the perceptual field of client and caregiver need to occur. Collaborative evaluation of a client's strengths and weaknesses in the face of stressors result in the development of a client-centered plan of care. Interventions focus on primary, secondary, and tertiary prevention. To achieve optimal client stability, it is expected that interventions may take place at more than one level.

Professional nursing facilitates a goal-directed, holistic approach to meeting multifaceted needs of clients. It is responsible for setting its own standards of practice and for influencing public policy. It is primarily accountable to the client as direct caregiver, advocate, educator, case manager, counselor, facilitator, problem-solver, and collaborator at all levels of the health continuum.

Research is an integral component of professional nursing practice. Professional nurses are responsible for conducting, applying, and disseminating research. Nursing research contributes to the advancement of knowledge, practice, and policy.

As a learned discipline, a baccalaureate degree in nursing is the minimum educational preparation for professional nursing practice. Upper-division nursing education is based on a foundation of knowledge in the behavioral and physical sciences, enriched by general education in the liberal arts. Baccalaureate education prepares the professional nurse to become a competent generalist, with the knowledge, skills, attitudes, and values for meeting the present and evolving health needs of culturally diverse client systems in a variety of urban settings.

Baccalaureate graduates assume responsibility and accountability for their clinical decision-making and client interventions, demonstrating evidence-based practice through the application of clinical research. With experience, they are also prepared to assume leadership roles in nursing service delivery systems as well as to contribute to the advancement of the profession through active participation in their professional society and graduate study in nursing.

The College's graduate programs prepare professional nurses to become advanced practice nurses in defined areas of specialty practice. Advanced practice nurses are expert clinicians with significant autonomy within their scopes of practice. They engage in both independent and interdependent practice in collaboration with physician colleagues and other health care providers. In addition to their direct-care role, advanced practice nurses function as educators, consultants, researchers, and health policy experts.

Scholarship requires a broad and intellectual foundation and a commitment to lifelong learning. The faculty believes that as adult learners, students in the College of Nursing have personal and professional goals which they seek to achieve through programs of study that value, respect, and build upon their past learning and life experiences. The faculty also believes that learning encompasses the entire student experience and that students are self-directed and possess a spirit of inquiry.

Together, faculty and students engage in a teaching-learning process that encourages the exchange of ideas, critical thinking, creativity, autonomy, and reflection. The teacher is a facilitator, expert, guide, and counselor who empowers the student to change and grow. In addition, both the undergraduate and graduate curricula are community-based. The communities we serve are the living laboratory for student learning.

Admissions

RN to BS

Accelerated BS

MS

Advanced Certificate

This section reviews the general admissions policies for the College of Nursing (CON). Admission information is revised annually and is available from SUNY Downstate Medical Center's Admissions Office. Current information about Downstate's admissions procedures, requirements, policies, and application forms are available on its website: sls.downstate.edu/admissions/nursing.

ADMISSIONS POLICIES

The Admissions Committee considers the individual qualifications of each applicant. Admission decisions are based on a number of factors, including prior academic history, completion of prerequisite courses, grades, standardized test scores (when required), letters of recommendation, and, in some programs, a personal interview. Also considered are such factors as communication skills, career motivation, and actual volunteer or observational experience in the career field.

Each program admits a limited number of students, and selection is competitive. New York State residents receive preference for admission. All acceptances are contingent upon satisfactory completion of course work in progress, particularly in prerequisite courses.

All educational programs at SUNY Downstate are open to qualified prospective students regardless of race, religion, sex, color, creed, age, national origin, disability, sexual orientation, marital status, or status as a disabled veteran or veteran of the Vietnam era. Applications are encouraged and welcomed from members of underrepresented minority groups.

PRE-ADMISSIONS INFORMATION SESSIONS

We urge you to seek pre-admission advisement at least one year prior to the date you wish to apply for admission. The College of Nursing offers Information Sessions for prospective students. To register, go to sls.downstate.edu/admissions/nursing/InfoSessions.html and complete the online form. Or, you may send an e-mail to admission@downstate.edu with your name, the nursing program you are interested in, and the date of the Information Session you wish to attend.

If you would like course advisement, bring the following materials to the Information Session: 1) Program Advisement Worksheet (print out the online form); 2) unofficial transcripts from all colleges attended; and 3) descriptions of science courses you have taken that you believe will fulfill the prerequisites for admission.

CREDIT REQUIREMENTS

For admission to the RN to BS undergraduate program, you must be a registered nurse and have satisfactorily completed 60 semester credits (90 credit quarters) at an accredited college or university. The Accelerated BS program, which is a second degree program, will transfer in 65 credits earned from a previously received bachelor's degree. For admission to a master of science program, you must have a baccalaureate degree in nursing from an accredited college or university. Nurse Practitioner Advanced Certificate programs require a master's degree in nursing.

The number of credits granted for transfer will be determined by a complete evaluation of your previous records. Competitive applicants will have completed all prerequisite courses at the time of application.

GRADE REQUIREMENTS

For the RN to BS program, you should have a cumulative average of 2.5 or above. Accelerated Nursing applicants should have a minimum grade point average of 3.0 ("B") on a 4.0 scale. The graduate nursing programs and the graduate midwifery programs prefer a cumulative grade point average of 3.0 on a 4.0 scale in undergraduate work.

Only courses with a letter grade of "C" or higher may be used to fulfill admission requirements (a grade of "C-" is not acceptable).

PREREQUISITE SCIENCE COURSE WORK

Science courses and laboratories to fulfill admissions requirements should be designed for science majors. The most recent science course work is considered the most significant for review.

Prerequisite science courses taken more than seven years ago are not accepted towards admissions requirements for the Accelerated BS program.

If you did not perform up to your ability in prior science course work, we recommend that you take additional course work to improve your credentials for admission.

PART-TIME STUDY

All programs in the College of Nursing, except the Accelerated BS and Nurse Anesthesia programs, offer part-time study.

APPLICATION DATES

Application to all programs should be made as soon as possible after October 1, for admission in the following academic year. Acceptances are offered on a "rolling admissions" basis. Most programs are filled by early Spring, but some applicants are placed on an alternate list for possible admissions should a place become available in that year's entering class.

DEADLINES 2008-2009

Accelerated BS Program

January 2

RN to BS Program

January 2

Graduate Programs

January 2

Read and follow the specific "Self-Administered Application Procedures" on the web for your program. In general, a complete application package includes:

1. A program-specific application cover sheet.
2. A SUNY Downstate, program-specific application form.
3. Application processing fee: \$40 for undergraduate students; \$45 for graduate students. Payment should be in the form of a money order or personal check made out to "SUNY." If your personal check is returned uncollected, your application will be held until a money order has been submitted.
4. Official transcripts from all colleges attended in the United States, each in a sealed envelope with a signature across the seal. Failure to submit all transcripts in your application package will delay the processing of your application.
5. Two (2) letters of recommendation, each in a sealed envelope. Letters should be written by a current or former college science professor or an employer/supervisor or another college professor. Letters must be on the Letter of Recommendation Form or on letterhead. All letters must be signed.
6. Essay/Personal Statement. Type your response on separate sheet(s) and attach them to your application form. Remember to print or type your name at the top of your statement.
7. If required, a photocopy of your New York State RN license.
8. Prerequisite Course Requirement Sheet.
9. If required (for Nurse Anesthesia students), a signed Certification of Critical Experience form.
10. For applicants born outside the United States, submit a photocopy of your citizenship documents (naturalization papers or U.S. passport) or a photocopy of your permanent resident card or a photocopy of your I-20, IAP-66, BCIS H1, or H4 approval form, etc. If you are currently in the United States on a visa, indicate your visa category on your application and we will send you additional instructions. Do not send photocopies of your employment authorization card, social security card, or driver's license, as these are not acceptable documents in the admissions process.

ADMISSIONS PROCEDURES

Applicants are reminded to read the SUNY Downstate Application Instructions before applying to their program of interest. Since admissions requirements, procedures, and policies are subject to change, it is important to check the website for any new requirements and application materials.

Specific information concerning admission to undergraduate programs can be found on pp. 11-12 of this Bulletin; see pp. 13-14 for information on graduate programs.

A self-administered application package is required for admission to all programs. A complete application includes all of the items listed on the Application Cover Sheet. The entire application must be submitted in one envelope at one time, and it should include the personal statement, application processing fee, sealed transcripts, and sealed letters of recommendation. Applicants are reminded to attend to the admission deadlines.

Application questions may be forwarded by e-mail to admissions@downstate.edu. Since the admission process relies on e-mail as the primary means of communication with applicants, it is essential for all applicants to provide a clearly written, valid e-mail account on the application form as well as timely updates as necessary.

Application forms may be downloaded from our website: sls.downstate.edu/admissions/applyNow2006.html. Questions regarding admissions requirements or course equivalencies may be sent to the program e-mail address (see list on the inside cover of the *Bulletin*).

APPLYING TO MORE THAN ONE PROGRAM

If you are not accepted into your first-choice program, you may send the Office of Admissions a second application indicating a second-choice program. If your second-choice program is still accepting applications, your application materials (transcripts and letters

of recommendation) will be transferred and processed for that program. Your application will receive the same scrutiny and be subject to the same review process as all other applicants to that program.

TRANSFER CREDIT

The number of credits granted for transfer will be determined by a complete evaluation of previous records. Only courses completed with a “C” or better at an accredited institution will be considered for transfer credit. Students should also check the latest edition of the *Student Handbook* for information.

There are two types of transfer credit: transfer credit to meet admission requirements, and “Program of Study” transfer credit.

For **transfer credit to meet admission requirements**, the following policies apply:

Courses taken in the United States must be from a regionally accredited college. The Office of Admissions will evaluate the accreditation status of any other institution and make a final decision on whether to transfer the credits.

Applicants must submit official transcripts from *all* institutions previously attended. Only transcripts received in sealed envelopes from institutions will be considered official.

Please indicate on the application any courses in progress, or the processing of your application will be delayed.

We only accept credits from Council of Higher Education (CHEA) regional accrediting organizations, such as the Middle States Association of Colleges and Schools and the New England Association of Schools and Colleges.

If you enrolled in courses taken outside the United States, you must submit a course-by-course detailed educational credential evaluation. (See “International Student Applications” for more information.) Evaluations must include the course name, letter grade, and U.S. semester-credit equivalent.

If you are admitted, your transcripts will be reviewed for admission requirements transfer credit. However, your SUNY Downstate transcript will only

indicate the total number of hours transferred, not specific courses.

“**Program of Study**” transfer credit is applied to your program of study at SUNY Downstate.

Transfer credit towards program of study is only awarded when:

- The nature, content, and level of credit is comparable to the course offered by SUNY Downstate.
- The credit earned is appropriate and applicable to the programs offered by SUNY Downstate.
- The minimum grade requirement for transfer has been met. (“C” or better for undergraduate courses; “B” or better for graduate course. Courses taken for pass/fail will not be transferred.)

If you believe you qualify for program of study transfer credit, request it through your faculty advisor during your first semester. Graduate nursing students must initiate this request prior to their first semester of enrollment. The same courses cannot be used to fulfill both admission requirements and program of study transfer credit.

Program of Study Transfer Credits for RN to BS Program

RN to BS students earn program of study credit in eight nursing courses (27 credits) by passing the National League for Nursing Mobility Profile II examinations. These exams may be taken prior to admission or after enrollment in the program; however they must be passed prior to registering for NRBS 441 and NRBS 451.

Program of Study Transfer Credits for Graduate Courses

Students who have completed graduate courses at another accredited institution may request transfer credit for courses completed with grades of “B” or better. The courses must be judged equivalent to those required by the graduate program. A maximum of nine credits may be approved for transfer.

A request for transfer credit must be submitted to the academic advisor during a student’s first year of study at SUNY Downstate. The student must provide an official transcript and a copy of the course materials for the courses to be considered for transfer. The facul-

ty determines acceptability of transfer courses on an individual basis.

Applicants to the Nurse-Midwifery Program who have completed an ACNM-accredited certificate program in midwifery or nurse-midwifery will have program of study transfer credit evaluated on an individual basis. A minimum of 14 credits must be completed in the College of Nursing at SUNY Downstate for the MS degree in Nurse Midwifery to be awarded.

INTERNATIONAL STUDENT APPLICANTS

Our entering classes are small and admissions priority is given to U.S. citizens, U.S. permanent residents, and New York State residents. Applicants to highly competitive programs may have difficulty being accepted due to the large number of qualified applicants.

INTERNATIONAL STUDENT APPLICATIONS

If you reside abroad, you should review the SUNY Downstate website (<http://www.downstate.edu>) for admissions policies and application forms at least 12 months prior to the academic year for which you seek admission.

If you have completed all or part of your education abroad, you are required to have a course-by-course, educational credential evaluation completed by an approved agency. This evaluation must include a breakdown of each course by name, U.S.-equivalent semester hours, and the corresponding letter grade. Any evaluation agency that is a member of the National Association of Credential Evaluation Services (NACES) is acceptable. For a list of current members, consult the NACES website (<http://www.naces.org>).

Do not send your overseas college transcript in the self-administered application. Instead, the official course-by-course evaluation report must be sent directly from the agency to the Office of Admissions. Optional: World Education Services at www.wes.org.

If your overseas courses have already been evaluated by an accredited U.S. college or university, and the courses are listed on the college transcript individually with credit hours and grades, you may submit the U.S. college’s transcript without a separate credential evaluation.

However, if you are using any of the credits toward prerequisite courses for admission, you must still submit a complete course-by-course evaluation from a NACES member agency, even if the course are listed on a transcript from a U.S. college.

Do not submit your overseas transcripts until you have been admitted.

All international applicants must document their ability to finance their entire education as part of the admissions process. International students should not consider financial assistance from the college in their financial planning. Current out-of-state budgets are posted in the financial aid section of the SUNY Downstate website.

TOEFL REQUIREMENTS

With the exception of foreign-educated nurses who obtain a CGFNS certificate, all applicants for whom English is a second language who have not completed at least one year of full-time study in the United States, including two English composition courses, are required to take the Test of English as a Foreign Language (TOEFL) in order to be considered for admission. On computer-based exams, a minimum score of 208 is required for applicants to undergraduate programs and 223 for graduate applicants. On paper-based exams, a minimum score of 536 for undergraduate and 564 for graduate applicants is required. Arrangements to take this standardized test can be made by writing to: TOEFL, Educational Testing Service, Box 6151, Princeton, NJ 08541, (609)771-7100, or www.toefl.org. Use the SUNY Downstate Institutional Code of 2535.

NOTIFICATION OF STATUS

All applicants are notified in writing of their status. Please do not telephone the Office of Admissions or the program to determine your status. We cannot communicate an admissions decision over the telephone. Admissions decisions are final and are not subject to appeal or reconsideration.

ACCEPTANCE

If you are accepted for admission, a \$50 deposit must be submitted to reserve your place in the entering class. The deposit is refundable until May 1. If you are accepted after May 1, your nonrefundable deposit is due within 10 days of the date of your acceptance letter. Orientation and registration information is sent to May entrants in mid-April, and to August entrants early in July.

All acceptances are contingent upon satisfactory completion of all course work in progress, particularly those courses required for admission.

MATRICULANTS

A student becomes a matriculant when all admission or transfer requirements are met and the college's Admissions Committee has approved acceptance. An applicant may be allowed to register for graduate study as a nonmatriculating student when space is available.

REAPPLICANTS TO DEGREE PROGRAMS

Applicants are considered for admission on the strength of their application and supporting documents. Reapplicants who have strengthened their credentials are welcome to reapply for admission.

If a reapplication is submitted within one year of the initial application, reapplicants must submit a new application and processing fee, updated official college transcripts, and at least one new letter of recommendation.

If the reapplication exceeds one year, the application shall be considered "new" and all supporting documents will be required.

RESPONSIBILITIES OF INCOMING STUDENTS

Prior to admission and registration, students must:

- Provide proof of satisfactory completion of all course prerequisites prior to registration.
- Provide official test results for applicable programs.

- Satisfactorily complete and submit preadmission medical history and physical examination forms (the Office of Admissions sends these to all accepted applicants along with an agreement form and information on housing, financial aid, and tuition). Medical forms must be completed by a physician and returned to the Student Health Service prior to registration. Physical handicaps that would affect safe clinical performance and other health factors will be evaluated on an individual basis by the director of the Student Health Service in consultation with the Affirmative Action Office.
- Return signed admission agreement along with a \$50 pre-enrollment tuition deposit check made payable to the State University of New York. This deposit is applied toward the first semester tuition.

PROGRAMS AND HEGIS CODES*

Bachelor of Science Program

Nursing (1203)

Accelerated Nursing (1203)

Master of Science Programs

Nursing (1203)

Family Nurse Practitioner (1203)

Nurse Anesthesia (1203)

Nurse Midwifery (1203)

Women's Health Nurse Practitioner (1203)

Women's Primary Care Nurse Practitioner (1203)

Advanced Certificate Programs

Family Nurse Practitioner (1203)

Women's Primary Care Nurse Practitioner (1203)

*Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for student financial aid awards.

UNDERGRADUATE ADMISSION REQUIREMENTS

RN to BS

Accelerated BS

APPLICATION DEADLINES

RN to BS: March 1

Accelerated BS: January 6

PREREQUISITE COURSE REQUIREMENTS

| | RN to BS | Accelerated |
|---|-------------|-------------|
| Anatomy and physiology/with labs | 8 credits | 8 credits |
| Chemistry/with lab | 3-4 credits | 3-4 credits |
| Computer | 2 credits | |
| English (including 3 credits English Composition) | 6 credits | 6 credits |
| Humanities or Social Sciences | 12 credits | 12 credits |
| Microbiology/with lab* | 3-4 credits | 3-4 credits |
| Sociology or Anthropology | 6 credits | 6 credits |
| Psychology | 6 credits | 6 credits |
| Statistics | | 3 credits |

*Bacteriology does not meet the Microbiology requirement for this program.

ADMISSION REQUIREMENTS

RN to BS

- RN licensure in New York State or completion of RN licensure by date of enrollment.
- A minimum 2.5 cumulative grade point average (GPA) on a 4.0 scale.
- Two letters of recommendation from a college professor, an employer, or supervisor.
- Transfer of a minimum of 60 college credits.

Accelerated BS

- A baccalaureate degree in another discipline from an accredited college or university.
- A minimum 3.0 cumulative grade point average (GPA) on a 4.0 scale.
- Two letters of recommendation from a college professor, an employer, or supervisor.
- Transfer of 65 college credits.

PREREQUISITE COURSES

Students must complete all prerequisite courses prior to the start of registration, with at least a “C” average. (See chart for requirements.)

Humanities or Social Studies Requirement

The Humanities requirement may be fulfilled by any combination of foreign language, literature, philosophy, religion, art history, history, political science, or economics. Only one speech course is acceptable. Courses must be for a minimum of 3 credits. No 2-credit courses will be accepted for this requirement.

Science Requirement (Accelerated BS)

All science prerequisite courses must have been completed within seven years of the date of admission to the Accelerated BS program.

PREREQUISITE CREDIT BY EXAMINATION

Credits in anatomy and physiology, microbiology, and chemistry must be earned in an accredited community or senior college. The remaining credits required for admission can be earned through the College Level Examination Program (CLEP), Dantes Subject Standardized Tests, or Excelsior College examinations. Unless these credits already appear on the official transcript of an accredited U.S. college or university, an official copy of your score report must be forwarded by the testing agency directly to the Office of Admissions.

For further information, contact:

The College Board (for CLEP)
(609) 771-7865
www.collegeboard.com/clep

Dantes Subject Standardized Tests
(877) 471-9860
www.getcollegecredit.com

Excelsior College
(888) 647-2388
www.excelsior.edu/exams

PROGRAM OF STUDY TRANSFER CREDIT

In the RN to BS program, Program of Study transfer credits may be awarded for courses taken in addition to the 60 credits. See page 9 for guidelines on Program of Study transfer credit and consult the Academic Program section for specific information on Advanced Standing transfer credits.

COURSE EXEMPTIONS BY EXAMINATION—RN TO BS PROGRAM

Based on their credentials as registered nurses, students can gain credit in eight nursing courses (27 credits) by passing the National League for Nursing Mobility Profile II Examinations. (See page 26 for a list of courses.) These exams are administered to enrolled students several times throughout the year and must be passed prior to registration for senior level courses. The minimum satisfactory score on these examinations is the 50th percentile. Exams in which scores fall below the 50th percentile must be repeated for progression and graduation.

A required credit-by-examination fee, plus the cost for the exam booklet, is charged. Payment of this fee is required in order to receive exemption from the 27 credits of equivalent courses, and to enroll in several courses (see the Academic Program section).

Students who have taken these exams elsewhere prior to admission should arrange to have the scores sent directly to the College of Nursing, Office of Academic Programming, Box 22.

GRADUATE ADMISSION REQUIREMENTS

MS

Advanced Certificate

DEADLINE FOR APPLICANTS

January 2

APPLICATION DEADLINES

Application to the College should be made as early as possible. Acceptances are offered on a “rolling admissions” basis.

ADMISSIONS REQUIREMENTS

Master’s Programs

- Bachelor of science degree in nursing from an accredited college or university.
- A current New York State RN license.
- A cumulative grade point average (GPA) of 3.0 on a 4.0 scale is preferred.
- A grade of “C” or better in the following undergraduate nursing courses: statistics, nursing research, and health/physical assessment skills.
- The Nurse Anesthesia program requires a minimum of 2 years of current critical care experience as an RN.

Advanced Certificate Programs

All of the above, plus

- Master’s degree in nursing

Letters of Recommendation

MS students must provide two letters of recommendation, one from a nurse or physician colleague who can comment on clinical abilities; the other one from a college professor who has taught the applicant.

Conditional Acceptance

Applicants who have not completed one or two of the following undergraduate courses—undergraduate nursing research, statistics, and health/physical assessment—but have met all other criteria for admission may be accepted as conditional students. Conditional students must complete admissions requirements before the completion of the first 12 graduate credits or by the end of the second semester, whichever comes first, and before taking Advanced Health Assessment (NRMS 518) and Nursing Research I (NRMS 585).

Advanced Standing

Advanced standing is an option in some programs. Eligibility requires current employment in the field of specialization and national certification.

CLINICAL EXPERIENCE

Master’s Students:

The Nurse Anesthesia Program requires a minimum of two years (excluding orientation) current critical care experience as an RN in a surgical, pediatric, coronary, medical, or neurological intensive care unit.

For all other programs, clinical experience as a registered professional nurse is preferred but not required.

Advanced Certificate Students:

A minimum of one year’s experience as a registered professional nurse, while preferred, is not an admission requirement.

REQUIREMENTS FOR GRADUATE ADMISSION — AT A GLANCE

| | Family Nurse Practitioner | Nursing | Nurse Anesthesia | Nurse Midwifery | Women's Health Nurse Practitioner | Advanced Certificate Programs |
|-----------------------|---|---|---|------------------------------|-----------------------------------|---|
| MS in nursing | No | No | No | No | No | Yes |
| BS in nursing | Yes | Yes | Yes | Yes | Yes | Yes |
| RN license | Yes | Yes | Yes | Yes | Yes | Yes |
| Letters of recommend. | 2 | 2 | 2 | 2 | 2 | 2 |
| Clinical experience | No | No | 2 years critical care nursing | No | No | No |
| Preferred minimum GPA | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Undergraduate courses | Nursing research; statistics; physical assessment | Nursing research; statistics; physical assessment | Nursing research; statistics; physical assessment | Nursing research; statistics | Nursing research; statistics | Nursing research; statistics; physical assessment |
| Personal interview | No | No | Yes | Yes | No | No |

MS NURSE-MIDWIFERY STUDENTS

Because 38 core courses are taken through the Midwifery Program in Downstate's College of Health Related Professions, applicants must satisfy admissions requirements of both the College of Nursing and the College of Health Related Professions.

Applicants who have completed an ACNM-accredited certificate program in midwifery or nurse-midwifery will have their program of study transfer credit evaluated on an individual basis. A minimum of 14 credits must be completed in the College of Nursing at SUNY Downstate for the master's degree to be awarded.

Recent experience as a registered nurse is recommended; labor and delivery, childbirth education, and/or ambulatory women's health-care experience is preferred.

Tuition and Fees

Current information regarding tuition charges and fees appears in the appendix of the *Student Handbook*, which is published and updated annually. Current tuition, fees, and financial aid information are also available on the institutional website, www.downstate.edu.

Tuition

Tuition is determined annually by the SUNY Board of Trustees and is subject to change. Applicants should check Downstate's website for the most up-to-date information on tuition and cost of education.

Students leaving school prior to the established payment dates are responsible for paying tuition for any time attended during the academic year. Liability for tuition is determined on a semester basis using the academic calendar and SUNY policy for tuition liability and refunds.

REFUNDS

Students leaving school for any reason are entitled to a refund or are liable for payment of tuition as indicated in the *Student Handbook*.

DEFERRAL OF TUITION PAYMENT

Deferral of tuition payment and dorm-room payment can be obtained only by presenting appropriate documentation to the Office of Financial Aid by the date established each semester.

LATE PAYMENT FEE

Students who do not settle their account as requested will be assessed a late-payment fee. Student accounts past due after the end of the term may also be subject to assessment of interest and other collection costs.

TUITION AND FEE INCREASES

Tuition and fees are subject to amendment at any time at the discretion of the Board of Trustees of the State University of New York. Every effort will be made to provide advance notice of such changes.

STUDENT HEALTH FEES 2008-2009

The student health fee for all full-time students is \$50 per semester prorated to \$4.25 per credit for part-time students. The student health fee is mandatory. This is in addition to the costs for mandatory health insurance.

MANDATORY HEALTH INSURANCE*

Basic Annual Fee\$2,692.00
Enhanced Annual Fee...\$4,645.00

*All students engaged in clinical coursework, whether full- or part-time, are required to purchase school-sponsored health insurance, (unless proof of comparable coverage is provided). The cost of coverage is subject to change.

COLLEGE FEES 2008-2009

The college fee for all full-time students is \$12.50 per semester; for part-time students, \$0.85 per credit.

INTERNATIONAL STUDENT HEALTH INSURANCE

Students attending on an international student visa (F-1, J-1) are required to pay for SUNY-sponsored health insurance, the exact amounts to be determined each year by the State University of New York System Administration.

RESIDENCE HALLS RENTAL—REFUNDS/LIABILITY/DEPOSITS

1. All students must pay an advance room deposit of \$500, payable to SUNY, at the time they submit their license agreement for on-campus housing. This deposit should accompany the license and is nonrefundable after July 1. Students who defer payment of this deposit based on financial aid and who fail to notify the housing office in writing by July 1 of a decision not to take on-campus housing will be billed \$500.

TUITION PER SEMESTER, CALENDAR YEAR 2008–2009 (FALL AND SPRING SEMESTERS ONLY)

| Undergraduate students | <i>New York State Residents</i> | <i>Out-of-State Residents</i> |
|--------------------------------|---------------------------------|-------------------------------|
| Full-time (12 or more credits) | \$2,175 | \$5,305 |
| Part-time | \$181/per credit | \$442/per credit |
| Graduate students | <i>New York State Residents</i> | <i>Out-of-State Residents</i> |
| Full-time (12 or more credits) | \$3,450 | \$5,460 |
| Part-time | \$288/per credit | \$455/per credit |

2. Once either a single or married student-licensee assumes occupancy during the academic year, he or she is fully liable for the balance of the academic-year rental except as indicated in #5 below. For rent-liability purposes, the academic year is considered to be from the day before the beginning of the academic year for a specific program and class year to the day after the last day required by the academic program (including Board Exams).

3. Payment of the academic-year rental obligation for single students may be made in two installments, during fall and spring registration. Married student-licensees are permitted to pay on a monthly basis, but will forfeit this privilege if they fall behind in their payments. Student-licensees who intend to pay their rent from financial aid funds must obtain a letter of deferment from the Office of Financial Aid and present it to the Bursar's Office during registration. Advance deposits paid may be deducted from the fall payment.

4. The summer period is considered to be from June 1 through August 31. Liability for rent during the summer period is based on actual occupancy, and is due on or before June 5.

5. A student-licensee who vacates prior to the expiration of an academic year will be fully liable for the full academic-year rental, except in the following instances:

- Withdrawal due to induction into the military.
- Withdrawal due to circumstances beyond the control of the student (generally, illness or illness in family).
- Withdrawal due to clinical work or coursework taken at other institutions beyond the New York City metropolitan area

A student licensee wishing to apply for a reduction in the rental charge for one of the reasons stated above must first officially check out of the residence halls by completing exit procedures.

FEES POLICIES 2008-2009

All students, whether full- or part-time or in-state or out-of-state, pay the same fees. Part-time students are charged fees on a sliding scale according to enrolled credits; check with the Bursar's Office for part-time fee schedules. Charges shown are subject to change without notice.

All Students

| | |
|-------------------------|---------------|
| Activity Fee..... | \$55.00 |
| Technology Fee..... | \$65.00–80.00 |
| College Fee..... | \$12.50 |
| Health Service Fee..... | \$50.00 |

Additional Fees

| | |
|--|----------------|
| Late Registration | \$40.00 |
| Late Payment..... | \$30.00–150.00 |
| Graduation Fee..... | \$40.00 |
| Residence Hall Student Activity Fee | \$10.00 |
| Add/Drop Fee | \$20.00 |

RETURNED CHECKS

A service charge is imposed on checks returned from the bank for any reason (insufficient funds, closed account, etc.). Checks given in payment of tuition and fees that are returned by the bank after the tuition-payment deadline are subject to a \$40 late-payment fee.

NEW YORK STATE RESIDENCY GUIDELINES FOR TUITION DETERMINATION

An individual's domicile is that place where one maintains a permanent home and to which one intends to return. A residence hall is generally not considered a permanent home. See the *Student Handbook* for residency guidelines.

RESIDENCE HALLS

Applications, including rate information and assignment priorities, are mailed to students after they have been accepted.

Residence hall rates are subject to change. For the 2007–2008 academic year, the rates are:

Standard Room (per semester):
\$2,053 (double occupancy)
\$4,814 (single)

Studio Apartment (per semester):
\$3,254 (double occupancy)
\$6,256 (single)

One Bedroom Apartment
(per semester):
\$3,891 (double occupancy)
\$7,483 (single)

Prospective students who would like to obtain updated information concerning anticipated rates for 2008–2009 before they apply to the College should write to the Office of Residential Life and Services, SUNY Downstate Medical Center, Box 115, 450 Clarkson Avenue, Brooklyn, NY 11203 or call (718) 270-1466.

COLLEGE OF NURSING (UNDERGRADUATE), AVERAGE PROJECTED COSTS (2008-2009)

All charges shown are subject to change without prior notice. All values are in US dollars.

| 9 Months Budget Items | Resident On Campus | Resident Off Campus | Non-Resident On Campus | Non-Resident Off Campus | Living with Parents |
|------------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|----------------------------|
| Tuition & Fees | \$4,850 | \$4,850 | \$11,110 | \$11,110 | \$4,850 |
| Books & Supplies..... | \$1,484 | \$1,484 | \$1,484 | \$1,484 | \$1,484 |
| Room & Board | \$13,322 | \$11,898 | \$13,322 | \$11,898 | \$4,194 |
| Miscellaneous..... | \$3,987 | \$5,049 | \$3,987 | \$5,049 | \$3,987 |
| Health Insurance | \$3,432 | \$3,432 | \$3,432 | \$3,432 | \$3,432 |
| Travel | \$2,159 | \$2,159 | \$2,159 | \$2,159 | \$2,159 |
| Loan Fees..... | \$315 | \$315 | \$315 | \$315 | \$315 |
| Total | \$29,549 | \$29,187 | \$35,809 | \$35,447 | \$20,421 |

The following table shows projected costs for summer enrollment.

| 3 Months Budget Items | Resident On Campus | Resident Off Campus | Non-Resident On Campus | Non-Resident Off Campus | Living with Parents |
|------------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|----------------------------|
| Tuition & Fees | \$2,182 | \$2,182 | \$5,314 | \$5,314 | \$2,182 |
| Books & Supplies..... | \$494 | \$494 | \$494 | \$494 | \$494 |
| Room & Board | \$4,404 | \$3,966 | \$4,404 | \$3,966 | \$1,398 |
| Miscellaneous..... | \$1,182 | \$1,536 | \$1,182 | \$1,536 | \$1,182 |
| Travel | \$720 | \$720 | \$720 | \$720 | \$720 |
| Loan Fees *** | \$157 | \$157 | \$157 | \$157 | \$157 |
| Total | \$9,139 | \$9,055 | \$12,271 | \$12,187 | \$6,133 |

| 12 Months Budget Items | Resident On Campus | Resident Off Campus | Non-Resident On Campus | Non-Resident Off Campus | Living with Parents |
|-------------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|----------------------------|
| Tuition and Fees | \$7,032 | \$7,032 | \$16,424 | \$16,424 | \$7,032 |
| Books and Supplies | \$1,978 | \$1,978 | \$1,978 | \$1,978 | \$1,978 |
| Room and Board | \$17,726 | \$15,864 | \$17,726 | \$15,864 | \$5,592 |
| Miscellaneous..... | \$5,169 | \$6,585 | \$5,169 | \$6,585 | \$5,169 |
| Travel | \$2,879 | \$2,879 | \$2,879 | \$2,879 | \$2,879 |
| Health Insurance | \$3,432 | \$3,432 | \$3,432 | \$3,432 | \$3,432 |
| Loan Fees..... | \$315 | \$315 | \$315 | \$315 | \$315 |
| Total: | \$38,531 | \$38,085 | \$47,923 | \$47,477 | \$26,397 |

| Summer/Fall Budget Items | Resident On Campus | Resident Off Campus | Non-Resident On Campus | Non-Resident Off Campus | Living with Parents |
|---------------------------------|---------------------------|----------------------------|-------------------------------|--------------------------------|----------------------------|
| Tuition & Fees | \$4,607 | \$4,607 | \$10,869 | \$10,869 | \$4,607 |
| Books & Supplies..... | \$1,484 | \$1,484 | \$1,484 | \$1,484 | \$1,484 |
| Room & Board | \$11,065 | \$9,915 | \$11,065 | \$9,915 | \$4,194 |
| Miscellaneous..... | \$3,176 | \$4,060 | \$3,176 | \$4,060 | \$3,176 |
| Health Insurance | \$1,144 | \$1,144 | \$1,144 | \$1,144 | \$1,144 |
| Travel | \$2,159 | \$2,159 | \$2,159 | \$2,159 | \$2,159 |
| Loan Fees..... | \$315 | \$315 | \$315 | \$315 | \$315 |
| Total: | \$23,950 | \$23,684 | \$30,212 | \$29,946 | \$17,079 |

*** Loan fees are included in a summer only budget at \$157, for a 9 months budget they are included at \$315 and for a 12 months budget the loan fees are \$315 as undergraduate loans fees are based upon loan(s) taken for the year

COLLEGE OF NURSING (GRADUATE), AVERAGE PROJECTED COSTS (2008-2009)

All charges shown are subject to change without prior notice. All values are in US dollars.

| 9 Months Budget Items | Resident On Campus | Resident Off Campus | Non-Resident On Campus | Non-Resident Off Campus | Living with Parents |
|----------------------------------|-------------------------------|--------------------------------|-----------------------------------|------------------------------------|--------------------------------|
| Tuition & Fees | \$7,235 | \$7,235 | \$11,255 | \$11,255 | \$7,235 |
| Books & Supplies..... | \$1,306 | \$1,306 | \$1,306 | \$1,306 | \$1,306 |
| Room & Board | \$11,774 | \$10,638 | \$11,774 | \$10,638 | \$3,744 |
| *Miscellaneous | \$6,262 | \$7,090 | \$6,262 | \$7,090 | \$6,262 |
| Travel | \$2,094 | \$2,094 | \$2,094 | \$2,094 | \$2,094 |
| Loan Origination Fee.... | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$28,671 | \$28,363 | \$32,691 | \$32,383 | \$20,641 |

| 3 Months Budget Items | Resident On Campus | Resident Off Campus | Non-Resident On Campus | Non-Resident Off Campus | Living with Parents |
|----------------------------------|-------------------------------|--------------------------------|-----------------------------------|------------------------------------|--------------------------------|
| Tuition & Fees | \$2,600 | \$2,600 | \$4,103 | \$4,103 | \$2,600 |
| Books & Supplies..... | \$436 | \$436 | \$436 | \$436 | \$436 |
| Room & Board | \$3,918 | \$3,546 | \$3,918 | \$3,546 | \$1,248 |
| *Miscellaneous | \$1,572 | \$1,848 | \$1,572 | \$1,848 | \$1,572 |
| Travel | \$698 | \$698 | \$698 | \$698 | \$698 |
| Loan Origination Fee.... | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$9,224 | \$9,128 | \$10,727 | \$10,631 | \$6,554 |

| 12 Months Budget Items | Resident On Campus | Resident Off Campus | Non-Resident On Campus | Non-Resident Off Campus | Living with Parents |
|-----------------------------------|-------------------------------|--------------------------------|-----------------------------------|------------------------------------|--------------------------------|
| Tuition & Fees | \$9,835 | \$9,835 | \$15,358 | \$15,358 | \$9,835 |
| Books & Supplies..... | \$1,742 | \$1,742 | \$1,742 | \$1,742 | \$1,742 |
| Room & Board | \$15,692 | \$14,184 | \$15,692 | \$14,184 | \$4,992 |
| *Miscellaneous | \$7,834 | \$8,938 | \$7,834 | \$8,938 | \$7,834 |
| Travel | \$2,792 | \$2,792 | \$2,792 | \$2,792 | \$2,792 |
| Loan Origination Fee.... | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$37,895 | \$37,491 | \$43,418 | \$43,014 | \$27,195 |

Budget accurate as of January 2006.

* Miscellaneous expenses include several items that are considered to be part of the student's cost of attendance, which are not included in other categories. According to living arrangements, students' miscellaneous cost will vary. This includes basic health insurance coverage through SUNY Downstate, personal expenses, and, for off-campus students, phone and other utility expenses.

Note: New summer undergraduate students will pay \$233 health insurance fee for the summer session only. This summer fee is not included in the totals.

Current tuition and fee charges can be found on the Downstate website, in the Bursar's section.

Student Financial Aid

Information about financial aid is subject to change. Federal and state programs and regulations governing student aid change frequently, and may cause the following information to be out of date. The Financial Aid Office regularly updates the information available on Downstate's website, which is the chief source of information about financial aid and scholarships at Downstate. Please refer to the website

if you have further questions. All questions and requests regarding financial aid at SUNY Downstate should be addressed to:

SUNY Downstate Medical Center
Financial Aid Office-Box 110
450 Clarkson Ave, Brooklyn, NY 11203;
Phone: (718) 270-2488;
Fax: (718) 270-7592
e-mail: finaid1@downstate.edu

COLLEGE COSTS

In planning for college, there are two types of expenses that every student should take into consideration: direct and indirect expenses. Direct educational expenses (tuition, fees, books, and charges for a dorm room) comprise the major portion of your yearly educational budget. These costs are paid directly to the college two or three times per year. Indirect expenses occur

TO APPLY FOR FINANCIAL AID

It is your responsibility to file all the required forms by the aid application deadline. There are many state and federal programs that are not need-based, but that require you file the Free Application for Federal Student Aid (FAFSA) before you may receive funds. This requirement ensures that all students will be considered for all possible aid. We encourage each student to file a FAFSA each year so that everything is in place if he or she qualifies for a scholarship that has such a requirement.

1. For All Forms of Aid: Be a priority filer.

A priority filer, at SUNY Downstate, is one who files both the FAFSA and the Institutional Application for Financial Aid before March 1 prior to the start of the academic year in which aid is wanted. Institutional applications must be postmarked or delivered with a date prior to March. In order to determine FAFSA priority filing, we will mail a test application on the evening of March 1. All FAFSA results arriving with or before our test will be priority.

2. For All Forms of Aid: File the FAFSA.

File the FAFSA as soon as possible after January 1, preferably before March 1 (for priority filing status) to receive consideration for aid for the academic year that begins during that calendar year. Reapply for federal and state aid each year you intend to be a student. It is wise to complete your tax forms and your FAFSA at the same time.

It is strongly advised that you file on the web. The website is www.fafsa.ed.gov and both your initial filing and a renewal filing can be accomplished on the web. A pre-filing worksheet is available at that site to help you prepare your data. When you enter your data, there are edit checks that help you file correctly. Paper filing is still possible, but it is more prone to errors, and it takes much longer since the application must be mailed, handled by the processor, and scanned into the federal system. Make certain that you indicate that SUNY Downstate is one of your college choices by using our Title IV school code, 002839.

Respond to all questions on the FAFSA, leaving no blanks. If you file using the web application, follow instructions for providing your signature.

Health professions students should include parental information on the FAFSA, even if it appears there is no need to do so. There are a number of grants for priority filers from the Department of Health and Human Services that require this information, whether or not the student is considered to be independent from the parents.

After filing, you will receive a Student Aid Report (SAR) in response to your FAFSA. Keep the SAR in a safe place. You do not need to bring it to the Financial Aid Office unless we request it.

3. For All Forms of Aid: Complete the Institutional Application for Financial Aid.

It may be obtained through Admissions or Financial Aid. Submit to the Financial Aid Office. It is also available on the web at: sls.downstate.edu/financialaid/forms.html

4. For TAP (New York State Tuition Assistance Program):

Your state residency status as a student is determined by the college you will attend—either the Admissions or the Registrar's Office—not by the State itself. If you are a New York State resident and you have filed a FAFSA on the web and have listed at least one New York State school on your FAFSA, you will have the opportunity to file for TAP on the web. Immediately upon completion of the FAFSA, take the opportunity to complete the TAP application. If you file a paper FAFSA, you will receive a TAP application in the mail. You will receive a notice of award, if you are eligible, once the State budget has been passed by the legislature.

5. For Loans:

You must sign a promissory note for any loan you receive. If you are offered Perkins or Stafford Loans, the promissory notes are handled through website application. You will receive complete instructions with your award letter on how to sign the notes. If you wish to receive additional loan funding after all federal loans have been considered, you will be required to apply through a private lender on a form that will require school certification as well. A promissory note will also be required. You should read the terms and conditions of any such loan very carefully.

Additional information beyond that mentioned here may be required. Such requirements will depend on a student's individual circumstances. Respond promptly to a request for information in order to avoid delays in the processing of your aid.

DETERMINING ELIGIBILITY FOR FINANCIAL AID

Since most student aid is based primarily on financial need, it is important to understand how that need is determined. Financial need is simply explained by the following formula:

Cost of Attendance Minus Expected Family Contribution (EFC) Equals Financial Need.

To be eligible for financial aid, you must meet the following criteria:

1. Be accepted, matriculated, and enrolled at SUNY Downstate in a degree or graduate certificate program.
2. Be a citizen, national, or permanent resident of the United States or its trust territories.
3. File all required financial aid applications.
4. Be declared eligible, based on a review of financial aid by the Office of Financial Aid or awarding agency.
5. Not be in default on any Federal Perkins/NDSL loan or on a loan made, insured, or guaranteed under the Federal Family Educational Loan Programs (formerly GSL) or the Federal Direct Loan program. This includes Stafford and PLUS loans.
6. Not owe a refund on grants previously received at any school under the Pell Grant, Supplemental Grant, or LEAP or TAP Programs.
7. Be in good academic standing and making satisfactory academic progress. (For additional information on how satisfactory progress is determined for financial aid purposes, see “Satisfactory Academic Progress.”)
8. For federal student aid, be registered with Selective Service, as required.
9. Have completed all additional forms and requirements requested by the Financial Aid Office.

on a daily or weekly basis associated with college attendance. Examples include off-campus rent, utilities, laundry and dry cleaning, personal hygiene items, stationery and supplies, and school-related travel.

Further expenses may be incurred, depending on your lifestyle and individual needs; however, only costs directly related to your education may be included in your “Cost of Attendance,” or budget. The Cost of Attendance is determined by the school’s financial aid office, and is based on research and knowledge of expenses of the area in which the school is located. Averages are used. If you are receiving federal or state aid, you may receive no combination of aid that exceeds the Cost of Attendance.

Paying for college has traditionally been considered the responsibility of students and their families. However, not everyone who has the ability to go to college can afford to pay for it. The federal government, state governments, and many private organizations have developed financial aid programs to help students who face this problem. The purpose of the financial aid programs at SUNY Downstate is to support students in their efforts to obtain funding from those organizations. In particular, students who demonstrate “Financial Need” are our first priority.

Financial Aid consists of three different types of assistance: loans, which must be repaid after school; grants, which are non-repayable awards; and part-time employment.

Your eligibility for aid at SUNY Downstate is primarily determined by the U.S. Department of Education. Most students may receive some type of aid. Any student or family can qualify for some loans. Grants, scholarships, and the lowest interest loans are usually restricted to students who meet specific financial eligibility requirements. Different indicators such as income, assets, and family size may be required; those indicators may be considered in different ways. Therefore, depending upon your particular circumstances, you may be eligible for the maximum awards for one program, but not be eligible at all for aid from another.

VERIFICATION

The information you and your family provide on the FAFSA may be subject to verification, according to rules established by the U.S. Departments of Education, Health & Human Services, or other outside agencies. Students who are selected are notified by way of the Student Aid Report (SAR), also called the Student Information and Review Form, and/or in a letter from the Financial Aid Office. Selected students must submit signed copies of all relevant federal income tax forms, with all schedules and W-2 forms for the reportable tax year. Additionally, the appropriate Verification Worksheet must be completed and submitted. We urge students to call our office if they have questions regarding this process.

DEADLINES

Applications for financial aid are accepted after the deadlines noted in “To Apply for Financial Aid” on page 19. The financial assistance offered will depend on the availability of funds. Some programs, especially those funded through SUNY Downstate, are very limited. Late applicants will be assisted according to the following priority schedule:

- First Priority: All on-time (March 1) applicants. (Note: entering students must have been admitted to SUNY Downstate.)
- Second Priority: Entering students whose admission occurs after the deadline.
- Third Priority: Continuing students whose applications are completed after the deadline.

Note: All applicants for aid, regardless of filing date, will be considered for Pell, TAP, or Stafford loans.

SATISFACTORY ACADEMIC PROGRESS

Policy governing federal student aid requires that three elements of student academic progress be reviewed. If these requirements are not met, a student will be denied federal financial aid.

It is required that students who have attended for a period of two academic years of undergraduate study maintain a

2.0 cumulative grade point average. All students at SUNY Downstate are required to meet this standard.

A maximum time frame applies, which prevents a student from receiving aid for attendance that extends beyond 150 percent of the normal time frame for completion of a program.

An incremental review must be completed each year, which assures that the student will be able to finish within the maximum time frame.

APPEALS OF FINANCIAL AID PROBATION OR SUSPENSION

A student on probation or suspension may appeal in accordance with the policy outlined on the form "Petition for Consideration of Exception to Financial Aid Policy," available in the Office of Financial Aid. Each appeal will be considered on its merit. The written appeal must be sent to the office three weeks prior to the end of a semester if it is hoped that aid is to be restored for that semester.

The director of Student Financial Services will review the appeal within three weeks of its receipt and determine whether the financial aid suspension or probation is justified. The student will be advised in writing of the decision within one week of the appeal's consideration.

CITIZENSHIP/RESIDENCY REQUIREMENT

Students who are citizens or are designated by the Department of Homeland Security (formerly Immigration and Naturalization Service) as permanent resident aliens may be eligible for aid. Upon submission of the FAFSA to the federal government, citizenship status will be verified through the Social Security Administration and the Department of Homeland Security. If those agencies are unable to verify a student's status, the student will be required to provide appropriate documents to verify citizenship status. No federal or state aid will be disbursed without citizenship status confirmation.

POSSIBLE ADDITIONAL INFORMATION REQUIREMENTS

Occasionally, the government or SUNY Downstate may require additional information from a student. When requested, information should be promptly provided so that aid is not delayed.

REFUND POLICY

If a student leaves the school for any reason other than dismissal, tuition is refundable according to the following scale (Fall and Spring semesters):

Withdrawal During Week

One100% Refund0% Liability

Two70% Refund30% Liability

Three50% Refund50% Liability

Four30% Refund70% Liability

Five.....0% Refund 100% Liability

Notwithstanding any other provisions for refund, when students have withdrawn through circumstances beyond their control, under conditions in which the denial of refund would cause undue hardship, the campus president or a designated vice-president may determine that no liability for tuition has been incurred by the student, provided the student has not completed more than one half of the term and has not received, or will not receive, academic credit for the term.

Return of Title IV Financial Aid

Students leaving the institution without completing any coursework in a semester may be liable to return any Title IV financial aid that has not been "earned" based on federal regulations. The amount of aid earned increases as the term progresses. If you leave early in the semester, you will have earned only a small portion of your aid; if you leave later, you will have earned a larger portion of your aid. Once you have completed 60 percent of the term you will have earned all (100 percent) of your Title IV financial aid. If you leave before completing 60 percent of the term, you will have to repay any "unearned" aid funds that were already disbursed to you. If a student withdraws with full tuition refund and no academic credit, 100 percent of any aid must be returned to the school.

FORMS OF FINANCIAL AID

Financial aid packages will vary from year to year. For example, a student may receive a substantial scholarship that is not fully renewed. In such a case, the composition of the financial aid package for the following year would change dramatically. Another example would be the case of a student who has borrowed the maximum total amount under a particular loan program. The financial aid package for the next year might be comprised of other forms of aid to help to compensate for this loss.

The most common type of financial aid package is assembled from a variety of sources. The package will always include some form of loan. Scholarship and/or grant assistance is limited and is awarded to those with the highest financial need.

Loans

Federal Family Education Loan Program (formerly called Guaranteed Student Loans). A student must complete all the requirements described in "Determining Eligibility for Financial Aid" (see page 20) to be eligible for these loans. A new application is required each year. The following types of loans are available:

- **The Federal Subsidized Stafford Loan** is based on need. Because SUNY Downstate is an upper-division school, all undergraduate students are considered for the third- and fourth-year loan maximum of \$5,500. Graduate students are considered for a maximum of \$8,500. Aggregate outstanding limits in this program are \$23,000 for undergraduate students and \$65,500 for graduate students. No repayment is required during school attendance. A grace period of six months is allowed, wherein no repayment is made, after a student leaves school. No interest is charged until repayment begins. Once the loan is in repayment, annual interest rates vary.
- **The Federal Unsubsidized Stafford Loan** is available to all students, regardless of need. If a dependent student is ineligible for the Subsidized Stafford Loan, he or she may still borrow the \$5,500 limit in the Unsubsidized Stafford program. An

independent undergraduate student has a larger borrowing capacity, which is a total of \$10,500, combining Subsidized and Unsubsidized amounts. (If a student has already received \$5,500 in an undergraduate Subsidized Stafford Loan, he or she may borrow an additional \$5,000 in Unsubsidized Loan.) A graduate student may borrow up to a total of \$18,500 in combined Subsidized and Unsubsidized amounts. (The same rules apply as for undergraduates in combining Subsidized and Unsubsidized amounts.) No repayment is required during school attendance, although interest begins to accrue immediately and continues to accrue even if principal is being deferred. The grace period and interest rates are similar to the Subsidized Stafford Loan.

- **Federal Parent Loans for Undergraduate Students (PLUS)** are made to parents of dependent students. The annual loan maximum is the total cost of attendance, less other aid. The annual interest rate on the loan varies yearly and is capped at 9 percent. Repayment and deferment options vary: please contact your lender for details.

The Federal Family Education Loan Program is funded through private lenders. As well as completing all federal requirements described here, a promissory note must be signed for the lender. A Master Promissory Note (MPN) is in use, which requires the student or parent to sign only one promissory note to receive loans each school year (up to ten years), as long as the same school and lender are used. You will receive detailed instructions regarding the MPN. Please read the instructions carefully and respond promptly.

Other Loans

- **Federal Perkins Loans** are made by SUNY Downstate. The school receives a limited amount of funding each year from the federal government for this purpose. While federal laws now allow a maximum of \$4,000 for undergraduates and \$6,000 for graduates, funding levels do not permit the school to make loans as large as the maximum amount except in exceptional circumstances. No interest

accrues on the loan until after the grace period is over, which is after the student has been out of school for nine months. At that time, the interest is 5 percent.

- **Nursing Student Loans** are made by SUNY Downstate to either full- or part-time undergraduate nursing students. The annual loan maximum is \$4,000. Interest accrual and grace period are identical to those of the Perkins Loans.

Work

- **The Federal College Work-Study Program** allows students to be employed while they are enrolled at the school. An award is made which pays the student's salary for doing work, usually on campus. The award is based on need, and provides students an opportunity to reduce lending through working.

Grants

- **Federal Pell Grants** are for the most needy undergraduate students who have not yet earned a baccalaureate degree. For eligible students, the Pell grant is available at any level of enrollment, even at less than halftime. In the academic year 2004–2005, the minimum annual grant was \$400; the maximum, \$4,050. The amount depends on the Expected Family Contribution that is calculated in the federal need-analysis process.
- **Federal Supplemental Educational Opportunity Grants (FSEOG)** are primarily available to Pell Grant recipients. Awards vary depending on the annual funding levels allowed to individual institutions. Currently, SUNY Downstate is offering awards between \$200 and \$1,500.
- **New York State Tuition Assistance Program (TAP)** grants are to help fund tuition costs for State residents in degree-granting programs. These grants vary according to the New York State Net Taxable Income of the student's family. To apply:
 1. Complete the FAFSA on the web and follow immediately with the TAP application.
 2. Complete and submit to the State any form the New York State Higher Education Services

Corporation requests of you. A multi-year application is now in use, and you may or may not be required to submit additional information.

- **Aid for Part-Time Study (AP-TS)** grants are available to help fund tuition costs. They are offered to undergraduate students, enrolled part-time (1-11 credits), who are New York State residents and would be eligible, if full-time, for TAP grants. An application must be completed for the Financial Aid Office.

Scholarships

- **Regents Professional Opportunity Scholarships** are provided to full-time students who are underrepresented minority students or who have participated in EOP, HEOP, SEEK, or College Discovery programs. Grants range from \$1,000 to \$5,000 per year. Students in undergraduate nursing programs are eligible. Applications must be submitted before April 30 each year. Recipients must work one year in New York in their profession for each year that they receive the scholarship. For additional information or to obtain an application, contact:
NYS Education Department
Bureau of HEOP
Room 1071 EBA
Albany, NY 12234
(518) 486-1319 or (518) 474-5313
- **Primary-Care Service Corps Scholarships** are available to students in the Nurse Practitioner or Midwifery Programs. Awards are up to \$15,000 per year for full-time study, or up to \$7,500 for part-time study. Recipients must fulfill a service obligation in New York State of full-time work (at least 35 hours per week) in a medically underserved area or a facility serving a high-need population. Eighteen months of service are required for each full-time award; nine months for each half-time award. For additional information or to obtain an application, contact:
NYS Department of Health
Corning Tower, Room 1084
Albany, NY 12237-0052
(518) 473-7019

If you have more questions about applying for aid, you may call the Financial Aid Office. We strongly recommend you study our website, which contains more detailed information than is available here.

FINANCIAL AID WEBSITES

SUNY Downstate:

sls.downstate.edu/financialaid

U.S. Department of Education:

www.ed.gov/finaid

The Financial Aid Information Page with links to all major scholarship search pages, including ExPAN, FastWeb, FundFinder, CASHE, COLLEGEQUEST, Mach 25, etc.:

www.finaid.org

New York State Higher Education Services Corporation, for information on state grants, scholarships, and special awards:

hesc.state.ny.us/bulletin.nsf

State University of New York Student Loan Service Center:

slsc.albany.edu

Loan Consolidation Information:

loanconsolidation.ed.gov

Planning for College and Career Opportunities:

mapping-your-future.org

SCHOOL CODES AND IMPORTANT NUMBERS

School Codes

Title IV School Code

(Required on the FAFSA): 002839

Tuition Assistance Program

(TAP): 4886 (undergraduate); 5535 (graduate)

General Information

Federal Aid Program Information
(800) 4FED AID

SAR Status (319) 337-5665

National Health Service Corps
(800) 221-9393

New York State Regents
Professional Opportunity Programs
(518) 486-1319

Selective Service (847) 688-6888

TAP (518) 474-5642

EMERGENCY STUDENT LOANS

Emergency student loans, or cash advances, are available only to students who have applied for and have been awarded financial aid. The loans are made available through the Faculty Student Association (FSA) of SUNY Downstate.

- Application is made through the Financial Aid Office.
- Students registered and matriculated for the current semester are eligible for the loan.
- The loan is available to all students who have completed the financial aid process (all required documents are submitted and have been reviewed by the Financial Aid Office) and are eligible to receive enough future aid to cover school charges as well as the advance.
- Students may apply for the advance one week before the semester begins and at any time during a semester if aid has not been fully delivered.
- Students may have an outstanding loan balance of \$1,000 at any given time and may borrow up to \$2,500 per academic year in aggregate.
- Students who submit applications by Tuesday before 4 pm may pick up funds at the FSA Office in the Student Center on the following Friday. Applications received after 4 pm on Tuesday will be processed the following week.
- There is a one dollar processing charge per \$50 of the amount borrowed. The processing fee cannot be waived.

Academic Programs

RN to BS

Accelerated BS

Master's

Advanced Certificate

COLLEGE OF NURSING FACULTY

Dean and Professor

Daisy Cruz-Richman

Associate Dean for Graduate Programs and Professor

Laila Sedhom

Associate Dean for Undergraduate Programs and Clinical Associate Professor

Nellie Bailey

Associate Professors

Veronica Arikian, Kellie Bryant, Mary Germain, Patricia Kizilay

Clinical Associate Professors

Nancy Giordano, Sheryl Zang

Assistant Professors

Pamela Hiscox, Yvonne Nathan, Annette Siegel

Clinical Assistant Professors

Dianne Forbes-Woods, Elizabeth Guillaume, Susan Holman, Margaret Jackson, Joseph Jennas, Edna Lewis, Jacqueline Patterson-Johnson, Kathleen Powderly, Anny Yeung

Clinical Instructors

Gemma Abaring, Rosalind Boyce, Renason Bunbury, Linda Cohen, Cynthia Margalit, Sarah Marshall, Jean McHugh, Kathy Phillips-Harding, Kathleen Salak, Maria Yomtov

Lecturer

Luzviminda Casapao, Margaret Clifton, Barbara Kitchener

Adjunct and Clinical Faculty

Caroline Akinkuotu, Sofiya Aminov, Patricia Antoine, Susan Brillhart, Hildred Castle, Simone Cinque, Robert Curran, Tania Fairweather, Therese Germain, Yuliya Groyzburg, Tanya Hardy-Menard, Derrice Jordan, Joan Komolafe, Bishop Luka, Phillip Lataure, Rosamond Payne, Jacquie Phillips, Reynaldo Rivera, Rizalina Trompeta-Wong

Faculty Emeriti

Nettie Birnbach, Sandra Fielo, Joyce Hausdorff, Rosalie Rothenberg, Laura Zamora

The College of Nursing's philosophy states "all clients are open-systems and may be defined as culturally diverse individuals, families, communities or groups in a society. The open system model considers the simultaneous interaction of physiological, psychological, socio-cultural, developmental, and spiritual variables affecting the client system."

The implementation of these philosophical statements is demonstrated in the college's conceptual framework and the curriculum plan. Also incorporated in the implementation of the conceptual framework are the threads of ethics, values, theory, and research. The mission of the College of Nursing—to prepare graduates who will provide culturally competent care—is consistent with this philosophy and conceptual framework.

The student body reflects the College's commitment to diversity and socially responsible admission standards. It includes students of African, Asian, Caribbean, European, and Hispanic descent and represents the broad range of ethnic and cultural groups residing in the Brooklyn metropolitan region.

Academic Policies

Current academic policies are described in the *Student Handbook*. The *Student Handbook* is distributed annually to all matriculated students.

Student Conduct

Detailed policies, student conduct rules and disciplinary procedures appear in the *Student Handbook*.

PROGRAM PURPOSES AND OBJECTIVES

The purposes of the baccalaureate program in the College of Nursing are:

- 1) to prepare practitioners of professional nursing who can assume a variety of roles in different settings; and
- 2) to provide a foundation for postbaccalaureate study.

Upon completion of the baccalaureate program in the College of Nursing, the graduate is prepared to:

- Synthesize concepts from the humanities, biophysical, and social sciences and theory for application to professional nursing practice.
- Participate with culturally diverse and underserved client systems (individuals, families, communities, or groups) at all stages of the life cycle to deliver culturally competent nursing care.
- Promote, maintain, and restore client health by:
 - a. assessing levels of wellness to illness/disruption and the environmental forces affecting health system stability;
 - b. applying critical-thinking skills to formulate ways that nursing can assist clients to meet potential or actual health needs; and
 - c. evaluating outcomes.
- Use evidence-based guidelines in the practice of nursing.
- Demonstrate professional accountability in the practice of nursing.
- Collaborate with other members of the health-care team and consumers in the delivery of culturally competent care to diverse populations.
- Demonstrate leadership qualities in influencing nursing practice and health care.
- Contribute to planning for the changing health needs and resources of society through involvement in community systems and professional organizations.
- Pursue relevant experiences for continued professional growth.

Undergraduate Programs

RN to BS

Accelerated BS

The baccalaureate program includes two programs: an RN to BS program for students who are already licensed as registered professional nurses and an Accelerated BS program for students who hold a degree in another field but who are seeking basic preparation for beginning nursing practice.

Both programs respond to the critical need for baccalaureate-trained nurses. The growing complexity of nursing practice calls for a broader base of knowledge, higher skill levels, and a stronger foundation for graduate education.

Congress recognized this in 1998 with the passage of the Nursing Education and Practice Improvement Act, which authorized federal support to increase enrollment in baccalaureate nursing programs. The National Advisory Council on Nurse Education and Practice has recommended that by 2010, two-thirds of all RNs in the workforce should have at least bachelor's degrees.

THE UNDERGRADUATE CURRICULUM

The curriculum plan for both the RN to BS and Accelerated BS programs reflects the College of Nursing's philosophy that care should be client-centered and holistic. A central mission of the College—to prepare graduates who will provide culturally competent care—is paired with a conceptual framework that integrates ethics, values, theory, and research.

The curriculum emphasizes knowledge and skill applicable to:

- Health maintenance and illness prevention
- Health assessment
- Client teaching and counseling
- Interpersonal communications
- Critical thinking
- Therapeutic nursing-care interventions
- Community health
- Interdisciplinary team collaboration
- Leadership and management

Learning in the classroom and the lab is integrated with clinical experience. The “total person approach” to nurse education developed by Betty Neuman in the early 1970s at UCLA is used, with an added emphasis on community-based nursing. Students learn about providing care to diverse populations while working with interdisciplinary teams in a variety of health-care delivery systems. These include clinic, community center, and home-based as well as hospital settings.

CAREER OPPORTUNITIES

College of Nursing baccalaureate graduates are widely recognized as knowledgeable professionals and excellent practitioners. They are qualified to assume increased responsibility in nursing-practice positions and to pursue graduate study in master's programs. Most continue their careers working as providers of direct nursing care services, administrators, educators, or researchers.

STUDENT RETENTION

The College's student retention rate is excellent. The majority of students attend part-time. Over 80 percent of undergraduate nursing students graduate within 150 percent of the normal program time.

STUDENT PLACEMENT

Virtually 100 percent of the students who graduate from the College of Nursing (graduate and undergraduate) are employed in nursing positions.

RN TO BS PROGRAM

The RN to BS program is open only to registered nurses and applicants who expect to complete the process of RN licensure by the date of enrollment.

The program is offered on a semester basis, with three semesters of concentrated study comprising the usual pattern of study. Flexible scheduling permits study for the most part on two days during the week. Each semester is 16 weeks in length, with the first semester commencing in late August.

The RN to BS curriculum emphasizes theory and skills applicable to health maintenance and illness prevention; physical assessment; therapeutic communication; client teaching; community health; and leadership and management. Clinical experiences are arranged in a variety of community settings. In addition, numerous opportunities are provided for students to apply nursing and other theories to their current clinical practice and to further their development as professional nurses.

PROGRAM OF STUDY

To qualify for the BS degree, students must satisfactorily complete 125 credits as follows:

- 60 prerequisite college credits transferred in.
- 27 credits by examination earned through satisfactory performance on the National League for Nursing Mobility Profile II Examinations.
- The remaining credits must be taken “in residence” at Downstate or through Program of Study credit. Program of study transfer credits may be awarded for Statistics, Pathophysiology, and up to 4 additional credits of electives beyond the 60 required for admission. Courses in the areas of “Research” and “Principles of Teaching and Learning”—when taken in addition to the requirements for admission—can also be evaluated for transfer credit.

RN TO BS CURRICULUM PLAN

Fall Semester

| | | |
|----------|-------------------------------------|---|
| NRBS 300 | Nursing Process in Health Promotion | 4 |
| NRBS 311 | Introduction to Physical Assessment | 3 |
| NRBS 315 | Professional Nursing Development | 2 |
| NRBS 470 | Independent/Guided Study | 4 |

Spring Semester

| | | |
|----------|-------------------------------------|---|
| NRBS 330 | Principles of Teaching and Learning | 2 |
| NRBS 360 | Contemporary Issues in Health Care | 3 |
| PAPH 630 | Pathophysiology | 3 |
| NRBS 460 | Introduction to Statistics | 3 |

Fall Semester

| | | |
|----------|---|---|
| NRBS 441 | Professional Nursing Practice with Clients in the Community | 4 |
| NRBS 451 | Professional Nursing and Transition into Practice | 4 |
| NRBS 465 | The Research Process | 3 |
| | Nursing Elective | 3 |

Credits By Examination

RNs who successfully complete all NLN Mobility Profile II Examinations and pay the required fees will receive credit by examination for the following courses:

| | | |
|----------|--|---|
| NRBS 324 | Foundations of Drug Calculation and Preparation | 1 |
| NRBS 325 | Introduction to Pharmacology | 2 |
| NRBS 340 | Professional Nursing and the Childbearing Client | 4 |
| NRBS 350 | Professional Nursing and the Hospitalized Client | 4 |
| NRBS 400 | Professional Nursing with Adults | 4 |
| NRBS 410 | Professional Nursing Management of Children Experiencing Stressors | 4 |
| NRBS 420 | Professional Nursing Management of Adults with Complex Stressors | 4 |
| NRBS 430 | Professional Nursing and Psychosocial Issues | 4 |

Total Required Credits

65

ELECTIVES

The 65-credit upper-division program includes a requirement for seven credits of electives. Three out of the seven credits must be either an independent or guided study in nursing, or a nursing elective taken at SUNY Downstate.

NLN MOBILITY PROFILE II EXAMINATIONS

RNs must successfully complete all NLN Profile II Mobility Examinations and pay the required fees to receive credit by examination for the courses. Students who have taken these exams elsewhere prior to admission should arrange to have the scores sent directly to the College of Nursing, Office of Academic Programming, Box 22.

ACCELERATED BACHELOR OF SCIENCE DEGREE WITH A MAJOR IN NURSING

The Accelerated BS Program is open only to applicants who have earned a baccalaureate degree, in any discipline, by the date of enrollment and who have met prerequisite and admission requirements by the start of registration.

It is a 15-month, full-time program that prepares beginning practitioners to assume a variety of roles in different settings. Admitted students take 60 credits of concentrated nursing courses

in residence at Downstate and transfer in 65 credits to qualify for the BS degree.

The program provides a sequence of professional nursing development that proceeds from (1) understanding the theoretical basis for professional nursing practice; to (2) acquiring knowledge and skills for professional nursing practice; to (3) applying knowledge and skills to the practice of nursing.

Upon successful completion of the program, graduates are eligible to take the National Council Licensing Examination for Registered Nurses

(NCLEX-RN). Upon passing this exam, graduates will have the license to practice as registered nurses.

Individuals wishing to pursue advanced study will be eligible to apply for admission to a master of science program in the College of Nursing in the fields of clinical nurse specialist, nurse practitioner, nurse-midwifery, or nurse anesthesia.

PROGRAM OF STUDY

The program consists of 60 credits of concentrated nursing studies with a strong clinical component. These, together with the 65 credits required for admission, comprise the 125 credits leading to the Bachelor of Science degree.

The clinical experiences in hospital and clinic settings will take place primarily at SUNY Downstate Medical Center's 376-bed University Hospital of Brooklyn and its major teaching affiliate, Kings County Hospital Center located directly across the street from SUNY Downstate. The College of Nursing also maintains affiliations with a broad network of community agencies and hospitals.

ACCELERATED BACHELOR'S CURRICULUM PLAN

Summer Session I

| | | |
|----------|-------------------------------------|---|
| NRBS 300 | Nursing Process in Health Promotion | 4 |
| NRBS 311 | Introduction to Physical Assessment | 3 |
| PAPH 630 | Pathophysiology | 3 |

Summer Session II

| | | |
|----------|--|---|
| NRBS 330 | Principles of Teaching and Learning | 2 |
| NRBS 315 | Professional Nursing Development | 2 |
| NRBS 326 | Introduction to Pharmacology, Drug Calculations & Preparation | 3 |
| NRBS 341 | Professional Nursing Practice with Obstetric and Gynecological Clients | 4 |

Fall Semester

| | | |
|----------|---|---|
| NRBS 351 | Professional Nursing Practice with Adult Clients I (8 weeks) | 4 |
| NRBS 360 | Contemporary Issues in Health Care | 3 |
| NRBS 401 | Professional Nursing Practice with Adult Clients II (8 weeks) | 4 |
| NRBS 470 | Independent/Guided Study | 2 |

Spring Semester

| | | |
|----------|--|---|
| NRBS 411 | Professional Nursing Practice with Children (8 weeks) | 4 |
| NRBS 431 | Professional Nursing Practice with Psychiatric Clients (8 weeks) | 4 |
| NRBS 465 | The Research Process | 3 |

Nursing electives:

| | | |
|----------|---|---|
| NRBS 471 | Gerontology: An Interdisciplinary Approach, or | 3 |
| NRBS 473 | HIV Disease: A Humanistic Approach to Nursing Care, or | |
| NRBS 475 | Nursing Ethics and the Law, or | |
| NRBS 479 | Nursing History: Influence on Education, Practice and Image | |

Summer Session III

| | | |
|----------|--|---|
| NRBS 421 | Professional Nursing Practice with Adult Clients III | 4 |
| NRBS 416 | Leadership & Management | 4 |

Summer Session IV

| | | |
|----------|---|---|
| NRBS 441 | Professional Nursing Practice with Clients in the Community | 4 |
|----------|---|---|

Total Required Credits 60

Bachelor of Science Course Descriptions

NRBS 300 Nursing Process in Health Promotion

Within a holistic framework, the student focuses on nursing and client systems, health, human needs, communication and interviewing, and the nursing process. Students will interview and work with individuals and families by applying the nursing process to assist clients in health promotion and disease prevention, including counseling clients regarding healthy lifestyles, nutrition, exercise, and smoking cessation. *(Prerequisite: none.)* 4 credits.

NRBS 311 Introduction to Physical Assessment

This course provides an introduction to concepts and principles of health assessment, including history-taking and physical examination. Emphasis is on acquiring health assessment skills for the examination of clients across the life span. Supervised laboratory practice provides an opportunity for students to develop tools to take a complete history and perform a comprehensive physical examination on a client with appropriate documentation. *(Prerequisite: none.)* 3 credits.

NRBS 315 Professional Nursing Development

This course is designed to explore the history and development of professional nursing, including past and current issues and trends relevant to the nursing profession. The role development, values, and ethical and legal issues will also be included. Students will be acquainted with healthcare systems within which professional nurses practice. *(Prerequisite: none.)* 2 credits.

NRBS 326 Introduction to Pharmacology, Drug Calculations, and Preparation

This course is designed to provide students with basic knowledge of various drug classifications and the pharmacodynamics of commonly used drugs. In addition, students will learn drug terminology, symbols, and procedures relevant to drug preparation and drug calculations. *(Prerequisite: none.)* 3 credits.

NRBS 330 Principles of Teaching and Learning

This course provides an opportunity for students to apply principles and methods of teaching, learning, and evaluation as they apply to clients across the life span. Students are expected to develop, implement, and evaluate a teaching plan for clients they are working with. Students will be evaluated on their application of principles of teaching and learning as they care for clients in the clinical setting. *(Prerequisite: none.)* 2 credits.

NRBS 341 Professional Nursing Practice with Obstetric and Gynecological Clients

This course focuses on the study of normal and high-risk pregnancy, labor and delivery, and postpartum care. Also included are common gynecological problems women experience during various stages of their lives through postmenopause. Students will provide supervised nursing care to women with obstetrical and gynecological conditions. *(Pre- or co-requisites: NRBS 300, 311, 315, 326, 330, PAPH 630.)* 4 credits.

NRBS 351 Professional Nursing Practice with Adult Clients I

This course will introduce the student to the hospital setting, the health-care team, and the hospitalized client. Students will care for medical-surgical clients in the inpatient setting, with emphasis on the application of such knowledge and interviewing, history taking, physical examination, problem solving and the provision of basic nursing care of hospitalized clients with medical and surgical conditions. Students will care for selected clients with medical and surgical problems under supervision. *(Pre- or co-requisites: NRBS 300, 311, 315, 326, 330, 341, PAPH 630.)* 4 credits.

NRBS 360 Contemporary Issues In Health Care

The course will examine important factors such as health policy, economics, politics, and legislation and their impact on health issues and trends in today's American health care systems. The role of technology and advances in medicine; health-care financing; barriers and disparities to access health-care; and consumer movement affecting health-care delivery will also be covered. *(Prerequisite: none.)* 3 credits.

NRBS 401 Professional Nursing Practice with Adult Clients II

This is an advanced course in the study of selected common medical and surgical conditions affecting the adult population. Emphasis is on the application of knowledge and skills in the nursing care of adult clients experiencing cardiovascular, pulmonary, respiratory, and hematological problems in outpatient clinics and inpatient settings. Students will provide nursing care to moderate-to-seriously ill clients with multiple medical-surgical problems. *(Prerequisites: all 300-level courses, PAPH 630.)* 4 credits.

NRBS 411 Professional Nursing Practice with Children

This course focuses on the care of hospitalized children experiencing major disease processes. Students will learn to care for sick children in a variety of settings, including pediatric clinics and inpatient settings. The impact of the child's illness on family dynamics will also be explored. *(Prerequisites: all 300-level courses, PAPH 630.)* 4 credits.

NRBS 416 Leadership and Management

This course will apply theories of leadership and management in nursing practice. Content includes human behavior, the difference between leadership and management, the role of the leader and manager, change theory and its implications for health-care professions. Students will be assigned to a preceptor in a leadership/management position to facilitate their application of theory to clinical practice. *(Prerequisites: all 300-level courses, 401, 411, 421, 431, PAPH 630.)* 4 credits.

NRBS 421 Professional Nursing Practice with Adult Clients III

This is an advanced course in selected, common medical-surgical conditions affecting adult clients. Emphasis is on the application of knowledge and skills in the nursing care of adult clients with neurological, renal, endocrine, and orthopedic problems in adult outpatient clinics and inpatient settings. Students will provide nursing care to moderate-to-seriously ill clients with multiple medical-surgical problems. *(Prerequisites: all 300-level courses, PAPH 630.)* 4 credits.

NRBS 431
Professional Nursing Practice with Psychiatric Clients

This course is designed to study human psychopathology throughout the life span, including common psychiatric disorders, treatment modalities, and preventive strategies for reoccurrence. The concept of mental health is integrated throughout the course. In their clinical rotation in inpatient and outpatient settings, students are encouraged to apply the principles and theories of mental health in their care of clients with major mental health problems. *(Prerequisites: all 300-level courses, PAPH 630.)* 4 credits.

NRBS 441
Professional Nursing Practice with Clients in the Community

This course focuses on community assessment, environmental factors affecting health and illness, concepts and principles of epidemiology, and problems of the urban environment. In collaboration with the Visiting Nurse Association of Brooklyn and selected ambulatory clinics, and under faculty supervision, students will provide nursing care in the client's home setting. *(Prerequisites: Accelerated BS: all 300-level courses, 401, 411, 421, 431, and PAPH 630. RN students: all 300-level courses, PAPH 630, and successful completion of all NLN Mobility Profile II exams.)* 4 credits.

NRBS 451
Professional Nursing and Transition into Practice

In this course, students will synthesize previous knowledge about client systems, health, and professional nursing interaction and values and will explore new dimensions of these concepts in urban health-care settings. Students will apply a variety of organizational models to analyze health-care systems. Emphasis will be placed on theories of management, change, and communication as they relate to interpersonal, intrapersonal, and extrapersonal stressors. Students will examine professional nursing role development within health-care systems. *(Prerequisites: all 300-level courses, PAPH 630, and successful completion of all NLN Mobility Profile II exams.)* 4 credits.

NRBS 460
Introduction to Statistics

This course focuses on the analysis and presentation of statistical data. Emphasis is placed on the appropriate use of statistics and proper interpretation of the findings. Topics such as measures of central tendency and variability, correlation, z-test, t-test and chi square, with special application in the health sciences, are covered. Fall or Spring semester. *(Prerequisite: none.)* 3 credits.

NRBS 465
The Research Process

This course introduces students to the steps in the research process, including definition of a problem, hypotheses, literature review, methodology, design of the study, and its implications for nursing practice. Students will evaluate research studies and utilize research findings in their professional practice. *(Prerequisite: Statistics.)* 3 credits.

NRBS 470
Independent Study/Guided Study

Under the guidance of faculty preceptors, students will either individually or in groups explore in depth a nursing problem or a question or topic of special interest. Students are expected to submit a proposal for approval, including:

- 1) problem/question identification;
- 2) delineation of goals to be achieved;
- 3) description of methodology; and
- 4) completion of a final product (such as a term paper, project, or audiovisual production).

Students and faculty preceptors will meet to discuss the progress of the study. *(Prerequisite: none.)* Elective. 1-4 credits.

NRBS 471
Gerontology: An Interdisciplinary Approach

This course is designed to study aging as part of the life-cycle continuum, with emphasis on variables that may be modified to increase quality of care and life. An epidemiological model is used to study health status as it is affected by environment, lifestyle, heredity, and community services. Students observe and participate in managing the care of a client being followed by agencies that are selected for their interdisciplinary approach. *(Prerequisite: none.)* Elective. 2 credits.

NRBS 473
HIV Disease: A Humanistic Approach to Nursing Care

This course offers an in-depth examination of the complex physical, social, psychological, and ethical issues of HIV infection/AIDS. Lectures will be given by a variety of clinicians with expertise in the field. Emphasis will be placed on small-group discussion of the issues and problems that nurses must face in working with HIV-infected people. *(Prerequisite: none.)* Elective. 2-3 credits.

NRBS 475
Nursing Ethics and the Law

The learner examines personal and professional values in relation to ethical problems and issues occurring in nursing. Ethical systems of decision-making are applied and analyzed, using nursing situations. Legal parameters of nursing and their interrelation with the ethical dimensions of nursing are also analyzed. An opportunity for a field experience is provided. *(Prerequisite: none.)* Elective. 2-3 credits.

NRBS 479
Nursing History: Influence on Education, Practice, and Image

An opportunity for students to study the history of the modern nursing movement in America during the late 19th and early 20th centuries as it relates to women's issues, nursing education, and nursing image. Students will examine the social, political, and economic factors that influenced the emerging nursing profession and the contributions made by nursing leaders during this period. *(Prerequisite: NRBS 315.)* Elective. 2-3 credits.

PAPH 630
Pathophysiology

This course is designed to study the basic mechanisms and processes of disease and their impact on the human body systems. Also discussed is the presence of genetic, metabolic, infectious, immunologic, degenerative, and neoplastic conditions affecting the human organism. *(Prerequisite: none.)* 3 credits.

Graduate Programs

Nursing (Clinical Nurse Specialist)
Family Nurse Practitioner
Women's Health Nurse Practitioner
Nurse Anesthesia
Nurse Midwifery

The College of Nursing offers master's degree programs in four advanced nursing practice roles: nurse practitioner (family and women's health), nurse anesthesia, nurse-midwifery, and nursing (Adult Track and High-Risk Mother and Infant Track). Program of study/course offerings may change from year-to-year. Updated program of study forms are provided by the Office of the Registrar at the time of course registration.

For nurses who already hold master's degrees, the college offers certificate programs for preparation as nurse practitioners.

ADVANCED STANDING OPTIONS

Advanced standing is available in some programs. Individual program plans will be developed to maximize students' educational and work experience toward fulfilling program requirements. Students should contact the Associate Dean of Nursing to develop a program plan.

CAREER OPPORTUNITIES

Continuity-of-care clinical specialists practice from a community or hospital base as case managers, educators, quality controllers, clinical researchers, home-care coordinators, and program developers in adult or high-risk mother and infant care.

Nurse practitioners provide primary health care to women and families in ambulatory settings. Those who have completed all master's degree requirements are prepared to conduct research within their clinical practice areas.

Nurse anesthetists provide anesthesia to clients in ambulatory and/or inpatient settings under the supervision of an anesthesiologist. Nurse midwives have practice opportunities within a variety of clinical settings, including private or group practices, birthing centers, and hospital and ambulatory-care settings.

GRADUATE PROGRAM OBJECTIVES

Upon completion of the master of science degree and the advanced certificate, the graduate is prepared to:

- Apply critical-thinking skills in the clinical management of clients requiring advanced-practice nursing care.
- Synthesize a personal practice framework that reflects integrity, ethical practice, and a commitment to client empowerment.
- Deliver specialty-specific, evidence-based, culturally competent advanced practice nursing care to clients from multicultural populations in diverse settings.
- Participate and/or conduct research to evaluate the efficacy of advanced practice interventions and to assess program outcomes.
- Advocate for health-care reform on behalf of underserved clients.
- Demonstrate competence in the indirect role functions of the advanced practice nurse: educator, consultant, collaborator, researcher, leader.
- Apply advanced information technologies to effectively manage the direct and indirect role functions of the advanced practice nurse.
- Participate in the development of health policy that promotes advanced practice nursing.
- Demonstrate a commitment to lifelong learning.

NURSING (CLINICAL NURSE SPECIALIST)

Master of Science Degree

ADULT OR HIGH-RISK MOTHER AND INFANT TRACK

The program prepares registered nurses with the advanced theoretical knowledge, clinical judgment, and practice skills required to influence and improve patient care outcomes by providing expert consultation for nursing staff, implementing improvement in health care delivery systems, and contributing to the health and well-being of individuals, families, groups and communities. Specialty may be identified in terms of: 1) a population (e.g., adults, mothers, and infants); 2) a setting (e.g., critical care, ER); 3) a disease or medical subspecialty (e.g., diabetes, cardiovascular, and oncology); and 4) a type of problem (e.g., pain, stress, and wounds).

Upon successful completion of the master of science degree, graduates are eligible to take the national certification examination given by the AACN certification corporation, if such an exam is available in the student's area of specialty.

PROGRAM OF STUDY: MS NURSING (CLINICAL NURSE SPECIALIST)

Program Requirements: The 40–41 credit program includes 17 credits of Graduate Nursing Core courses, 9 credits of Advanced Practice Nursing Core courses, and 15 credits of Specialty Curriculum content.

1. Graduate Nursing Core Courses (17 credits)

For all students pursuing a master's degree in nursing, regardless of specialty.

| | |
|----------|--|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice |
| NRMS 510 | Community Context for Continuity of Care |
| NRMS 515 | Family Theory and Application |
| NRMS 516 | Management and Leadership in Health-Care Administration (elective) |
| NRMS 517 | Advanced Practice Nurse as Nurse Educator (elective) |
| NRMS 524 | Clinical Specialty Residency (elective) |
| NRMS 570 | Independent Study (elective) |
| NRMS 585 | Nursing Research I |
| NRMS 586 | Nursing Research II |

2. Advanced Practice Nursing Core Courses (9 credits)

These courses prepare students to provide direct patient/client services at an advanced level.

| | |
|----------|----------------------------|
| NRMS 511 | Pharmacology |
| NRMS 518 | Advanced Health Assessment |
| NRMS 519 | Advanced Pathophysiology |

3. Specialty Curriculum Content (15 Credits)

These courses provide students with advanced clinical and didactic learning experiences as identified by the specialty (National Association of Clinical Nurse Specialists) organizations.

| | |
|----------|--|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses |
| NRCS 524 | Advanced Practice Roles in Continuity of Care I |
| NRCS 534 | Advanced Practice Roles in Continuity of Care II |
| NRCS 544 | Advanced Practicum |
| NRCS 551 | Group Theory and Practice |

PROGRAM OF STUDY: MS NURSING ADULT TRACK OR HIGH-RISK MOTHER AND INFANT TRACK

Typical six-semester program of study.

First Year

Fall Semester (11 credits)

Credits

| | | |
|----------|---|---|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
| NRMS 511 | Pharmacology | 3 |
| NRMS 518 | Advanced Health Assessment | 3 |
| NRMS 519 | Advanced Pathophysiology | 3 |

Spring Semester (9 credits)

| | | |
|----------|---|---|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses | 4 |
| NRCS 551 | Group Theory and Practice | 2 |
| NRMS 515 | Family Theory and Application | 3 |

Summer Semester (2–3 credits)

| | | |
|----------|--|---|
| NRMS 516 | Management and Leadership in Health Care Administration (elective) | 3 |
| | or | |
| NRMS 524 | Clinical Specialty Residency (elective) | 2 |
| | or | |
| NRMS 570 | Independent Study (elective) | 3 |

Second Year

Fall Semester (10 credits)

| | | |
|----------|---|---|
| NRCS 524 | Advanced Practice Roles in Continuity of Care I | 4 |
| NRMS 510 | Community Context for Continuity of Care | 3 |
| NRMS 585 | Nursing Research I | 3 |

Spring Semester (7–10 credits)

| | | |
|----------|--|---|
| NRMS 517 | The Advanced Practice Nurse as Nurse Educator (elective) | 3 |
| NRMS 586 | Nursing Research II | 3 |
| NRCS 534 | Advanced Practice Roles in Continuity of Care II | 4 |

Summer Semester (1 credit)

| | | |
|----------|--------------------|---|
| NRCS 544 | Advanced Practicum | 1 |
|----------|--------------------|---|

Total Required Credits

40–41

FAMILY NURSE PRACTITIONER

Master of Science Degree

The Family Nurse Practitioner program prepares registered nurses with the advanced theoretical knowledge, clinical judgment, and practice skills that undergird the care of families across the age continuum. Family nurse practitioners provide comprehensive, culturally sensitive primary health care that emphasizes health promotion and disease prevention, as well as the holistic management of clients with commonly occurring acute and chronic health problems.

Educational experiences include classroom instruction from a distinguished multidisciplinary faculty and supervised experiences in the clinical management of clients of all ages in a variety of care settings. As advanced practice nurses, family nurse practitioners perform comprehensive health assessments; conduct risk analyses; provide client education and counseling to promote wellness; diagnose and treat common health problems; and maximize the functional and self-care abilities of individuals of all ages. The 44-credit master of science degree program of study accepts students for the Fall term only. The program may be completed in either six, eight, or nine semesters.

Upon successful completion of the master of science degree, graduates are eligible to take the national certifying examination offered by the American Nurses Credentialing Center (ANCC) and to apply for the nurse practitioner certificate in New York State.

FAMILY NURSE PRACTITIONER

Advanced Certificate

The Advanced Certificate in Family Nurse Practitioner is a 36-credit post-master's program to prepare nurse practitioners in family nursing. Students may choose to complete the program in six or eight semesters. Students are accepted once a year for the Fall term.

PROGRAM OF STUDY: MS FAMILY NURSE PRACTITIONER

Program requirements: The 44-credit program includes 19 credits of Graduate Nursing Core courses, 9 credits of Advanced Practice Nursing Core courses, and 16 credits of Specialty Curriculum Content.

1. Graduate Nursing Core Courses (19 Credits)

For all students pursuing a master's degree in nursing, regardless of specialty.

| | |
|----------|---|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice |
| NRMS 510 | Community Context for Continuity of Care |
| NRMS 515 | Family Theory and Application |
| NRMS 516 | Management and Leadership in Health Care Administration |
| NRMS 517 | Advanced Practice Nurse as an Educator (elective) or |
| NRMS 524 | Clinical Specialty Residency (elective) or |
| NRMS 570 | Independent Study (elective) |
| NRMS 585 | Nursing Research I |
| NRMS 586 | Nursing Research II |

2. Advanced Practice Nursing Core Courses (9 Credits)

These courses prepare students to provide direct patient/client services at an advanced level.

| | |
|----------|----------------------------|
| NRMS 511 | Pharmacology |
| NRMS 518 | Advanced Health Assessment |
| NRMS 519 | Advanced Pathophysiology |

3. Specialty Curriculum Content (16 Credits)

These courses provide students with advanced clinical and didactic learning experiences identified and defined by the specialty nursing organizations.

| | |
|----------|--|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses |
| NFNP 513 | Primary Care Management of Obstetrical and Pediatric Patients |
| NFNP 523 | Primary Care Management of Adults with Common Acute and Chronic Conditions |
| NFNP 530 | Preceptorship |
| NFNP 533 | Advanced Practicum I |
| NFNP 534 | Advanced Practicum II |

PROGRAM OF STUDY: MS FAMILY NURSE PRACTITIONER

Typical six-semester program of study. Contact your academic advisor for three- and four-year options.

First Year

Fall Semester (11 credits)

| | | |
|----------|---|---|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
|----------|---|---|

| | | |
|----------|--------------|---|
| NRMS 511 | Pharmacology | 3 |
|----------|--------------|---|

| | | |
|----------|----------------------------|---|
| NRMS 518 | Advanced Health Assessment | 3 |
|----------|----------------------------|---|

| | | |
|----------|--------------------------|---|
| NRMS 519 | Advanced Pathophysiology | 3 |
|----------|--------------------------|---|

Spring Semester (7 credits)

| | | |
|----------|---|---|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses | 4 |
|----------|---|---|

| | | |
|----------|-------------------------------|---|
| NRMS 515 | Family Theory and Application | 3 |
|----------|-------------------------------|---|

Summer Semester (3-5 credits)

| | | |
|----------|--|---|
| NRMS 516 | Management and Leadership in Healthcare Administration | 3 |
|----------|--|---|

| | | |
|----------|---|---|
| NRMS 524 | Clinical Specialty Residency (elective) | 2 |
|----------|---|---|

| | | |
|----------|---|---|
| NRMS 525 | Gerontological Nursing for FNP (elective) | 4 |
|----------|---|---|

Second Year

Fall Semester (10 credits)

| | | |
|----------|---|---|
| NFNP 513 | Primary Care Management of Obstetrical and Pediatric Patients | 4 |
|----------|---|---|

| | | |
|----------|---|---|
| NRMS 510 | Community Context in Continuity of Care | 3 |
|----------|---|---|

| | | |
|----------|--------------------|---|
| NRMS 585 | Nursing Research I | 3 |
|----------|--------------------|---|

Spring Semester (10–13 credits)

| | | |
|----------|--|---|
| NFNP 523 | Primary Care Management of Adults with Common, Acute, and Chronic Conditions | 4 |
|----------|--|---|

| | | |
|----------|--|---|
| NRMS 517 | The Advanced Practice Nurse as Educator (elective) | 3 |
|----------|--|---|

| | | |
|----------|------------------------------------|-----|
| NRMS 570 | or Independent Study (elective) | 2-3 |
|----------|------------------------------------|-----|

| | | |
|----------|---------------------|---|
| NRMS 586 | Nursing Research II | 3 |
|----------|---------------------|---|

Summer Semester (4 credits)

| | | |
|----------|---------------|---|
| NFNP 530 | Preceptorship | 2 |
|----------|---------------|---|

| | | |
|----------|----------------------|---|
| NFNP 533 | Advanced Practicum I | 1 |
|----------|----------------------|---|

| | | |
|----------|-----------------------|---|
| NFNP 534 | Advanced Practicum II | 1 |
|----------|-----------------------|---|

Total Required Credits 44

PROGRAM OF STUDY: FAMILY NURSE PRACTITIONER ADVANCED CERTIFICATE

Program requirements: The 36-credit program of study includes 11 credits of Graduate Nursing Core courses, 9 credits of Advanced Practice Nursing Core courses, and 16 credits of Specialty Curriculum Content.

First Year

Fall Semester (11 credits)

| | | |
|----------|---|---|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
|----------|---|---|

| | | |
|----------|--------------|---|
| NRMS 511 | Pharmacology | 3 |
|----------|--------------|---|

| | | |
|----------|----------------------------|---|
| NRMS 518 | Advanced Health Assessment | 3 |
|----------|----------------------------|---|

| | | |
|----------|--------------------------|---|
| NRMS 519 | Advanced Pathophysiology | 3 |
|----------|--------------------------|---|

Spring Semester (7 credits)

| | | |
|----------|-------------------------------|---|
| NRMS 515 | Family Theory and Application | 3 |
|----------|-------------------------------|---|

| | | |
|----------|---|---|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses | 4 |
|----------|---|---|

Summer Semester (3 credits)

| | | |
|----------|---|---|
| NRMS 516 | Management and Leadership in Health-Care Administration | 3 |
|----------|---|---|

Second Year

Fall Semester (7 credits)

| | | |
|----------|--|---|
| NRMS 510 | Community Context for Continuity of Care | 3 |
|----------|--|---|

| | | |
|----------|---|---|
| NFNP 513 | Primary Care Management of Obstetrical and Pediatric Patients | 4 |
|----------|---|---|

Spring Semester (4 credits)

| | | |
|----------|--|---|
| NFNP 523 | Primary Care Management of Adults with Common Acute and Chronic Conditions | 4 |
|----------|--|---|

Summer Semester (4 credits)

| | | |
|----------|---------------|---|
| NFNP 530 | Preceptorship | 2 |
|----------|---------------|---|

| | | |
|----------|----------------------|---|
| NFNP 533 | Advanced Practicum I | 1 |
|----------|----------------------|---|

| | | |
|----------|-----------------------|---|
| NFNP 534 | Advanced Practicum II | 1 |
|----------|-----------------------|---|

Total Required Credits 36

ADVANCED STANDING OPTION: FAMILY NURSE PRACTITIONER ADVANCED CERTIFICATE

Advanced standing is available to applicants who already hold a master of science degree in an advanced practice nursing role and wish to earn an advanced certificate in Family Nurse Practitioner. Individual program plans will be developed to maximize students' educational and work experience toward fulfilling program requirements. Up to 24 of the 36 credits required for the certificate may be transferred or challenged by examination. A fee is required for challenge examination.

| <i>Courses that may be transferred or challenged</i> | | <i>Credits</i> |
|--|---|----------------|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses | 4 |
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
| NRMS 510 | Community Context for Continuity of Care | 3 |
| NRMS 511 | Pharmacology | 3 |
| NRMS 515 | Family Theory and Application | 3 |
| NRMS 516 | Management and Leadership in Health Care Administration | 3 |
| NRMS 518 | Advanced Health Assessment | 3 |
| NRMS 519 | Advanced Pathophysiology | 3 |
| Total Credits | | 24 |

| <i>Courses that must be taken</i> | | |
|-----------------------------------|--|-----------|
| NFNP 513 | Primary Care Management of Obstetrical and Pediatric Patients | 4 |
| NFNP 523 | Primary Care Management of Adults with Common Acute and Chronic Conditions | 4 |
| NFNP 530 | Preceptorship I | 2 |
| NFNP 533 | Advanced Practicum I | 1 |
| NFNP 534 | Advanced Practicum II | 1 |
| Total Credits | | 12 |

WOMEN'S HEALTH NURSE PRACTITIONER

Master of Science Degree

The Women's Health Nurse Practitioner Program prepares registered nurses with the advanced theoretical knowledge, clinical judgment, and practice skills that undergird the care of women within the context of their families and communities. Women's health nurse practitioners provide comprehensive, culturally sensitive, primary health care that emphasizes health promotion, disease prevention, and holistic management of socioeconomically high-risk women of all ages in underserved urban settings.

Educational experiences include classroom instruction and supervised experiences in the management of women in a variety of care settings. As advanced practice nurses, women's health nurse practitioners perform comprehensive health assessments, conduct risk analyses, provide client education and counseling to promote wellness, diagnose and treat common health problems, and maximize the functional and self-care abilities of women.

The program accepts students for the Fall term only. It may be completed in either six, eight, or nine semesters.

Upon completion of the Nurse Practitioner program, graduates are eligible to apply for a certificate in New York State and to take the National examination given by the National Certification Corporation (NCC) for the obstetric, gynecologic, and neonatal nursing specialties.

PROGRAM OF STUDY: MS WOMEN'S HEALTH NURSE PRACTITIONER

Program requirements: The 44-credit program includes 19 credits of Graduate Nursing Core courses, 9 credits of Advanced Practice Nursing Core courses, and 16 credits of Specialty Curriculum Content.

Program of study/course offerings may change from year-to-year. Updated program of study forms are provided by the Office of the Registrar at the time of course registration.

1. Graduate Nursing Core Courses (19 Credits)

For all students pursuing a master's degree in nursing, regardless of specialty.

| | |
|----------|---|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice |
| NRMS 510 | Community Context for Continuity of Care |
| NRMS 515 | Family Theory and Application |
| NRMS 516 | Management and Leadership in Health-Care Administration |
| NRMS 517 | Advanced Practice Nurse as Nurse Educator (elective) |
| NRMS 524 | Clinical Specialty Residency (elective) |
| NRMS 585 | Nursing Research I |
| NRMS 586 | Nursing Research II |
| NRMS 570 | Independent Study (elective) |

2. Advanced Practice Nursing Core Courses (9 Credits)

These courses prepare students to provide direct patient/client services at an advanced level.

| | |
|----------|----------------------------|
| NRMS 511 | Pharmacology |
| NRMS 518 | Advanced Health Assessment |
| NRMS 519 | Advanced Pathophysiology |

3. Specialty Curriculum Content (16 Credits)

These courses provide students with advanced clinical and didactic learning experiences identified and defined by the specialty nursing organizations.

| | |
|------------------|---|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses |
| NWHP 514 | Primary Care Management of the Childbearing Woman |
| NWHP 524 | Primary Care Management of Women Experiencing Deviation from Health |
| NWHP 530 | Preceptorship |
| NWHP 534 and 535 | Advanced Practicum I and II |

PROGRAM OF STUDY: MS WOMEN'S HEALTH NURSE PRACTITIONER

First Year

Fall Semester (11 credits)

Credits

| | | |
|----------|---|---|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
| NRMS 511 | Pharmacology | 3 |
| NRMS 518 | Advanced Health Assessment | 3 |
| NRMS 519 | Advanced Pathophysiology | 3 |

Spring Semester (7 credits)

| | | |
|----------|---|---|
| NRMS 515 | Family Theory and Application | 3 |
| CNNP 523 | Primary Prevention for Advanced Practice Nurses | 4 |

Summer Semester (3-5 credits)

| | | |
|----------|---|---|
| NRMS 516 | Management and Leadership in Health-Care Administration | 3 |
| NRMS 524 | Clinical Specialty Residency (elective) | 2 |

Second Year

Fall Semester (10 credits)

| | | |
|----------|---|---|
| NRMS 510 | Community Context for Continuity of Care | 3 |
| NRMS 585 | Nursing Research I | 3 |
| NWHP 514 | Primary Care Management of the Childbearing Woman | 4 |

Spring Semester (10–13 credits)

| | | |
|----------|--|-----|
| NWHP 524 | Primary Care Management of Women Experiencing Deviations from Health | 4 |
| NRMS 517 | The Advanced Practice Nurse as Educator (elective) | 3 |
| | or | |
| NRMS 570 | Independent Study (elective) | 2–3 |
| NRMS 586 | Nursing Research II | 3 |

Summer Semester (4 credits)

| | | |
|----------|-----------------------|---|
| NWHP 530 | Preceptorship I | 2 |
| NWHP 534 | Advanced Practicum I | 1 |
| NWHP 535 | Advanced Practicum II | 1 |

Total Credits **44**

PROGRAM OF STUDY: WOMEN'S PRIMARY CARE NURSE PRACTITIONER ADVANCED CERTIFICATE

First Year

Fall Semester (11 credits) *Credits*

| | | |
|----------|---|---|
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
| NRMS 511 | Pharmacology | 3 |
| NRMS 518 | Advanced Health Assessment | 3 |
| NRMS 519 | Advanced Pathophysiology | 3 |

Spring Semester (7 credits)

| | | |
|----------|---|---|
| NRMS 515 | Family Theory and Application | 3 |
| CNNP 523 | Primary Prevention for Advanced Practice Nurses | 4 |

Summer Semester (3 credits)

| | | |
|----------|---|---|
| NRMS 516 | Management and Leadership in Health-Care Administration | 3 |
|----------|---|---|

Second Year

Fall Semester (7 credits)

| | | |
|----------|---|---|
| NRMS 510 | Community Context for Continuity of Care | 3 |
| NWHP 514 | Primary Care Management of the Childbearing Woman | 4 |

Spring Semester (4 credits)

| | | |
|----------|--|---|
| NWHP 524 | Primary Care Management of Women Experiencing Deviations from Health | 4 |
|----------|--|---|

Summer Semester (4 credits)

| | | |
|----------|-----------------------|---|
| NWHP 530 | Preceptorship | 2 |
| NWHP 534 | Advanced Practicum I | 1 |
| NWHP 535 | Advanced Practicum II | 1 |

Total Credits **36**

ADVANCED STANDING OPTION: WOMEN'S PRIMARY CARE NURSE PRACTITIONER ADVANCED CERTIFICATE

Advanced standing is available to applicants who hold a master of science degree in an advanced practice nursing role and wish to earn a certificate in Women's Primary Care Nurse Practitioner. Individual program plans will be developed to maximize students' educational and work experience toward fulfilling program requirements. Up to 24 of the 36 credits required for the advanced certificate may be transferred or challenged by examination. A fee is required for challenge examinations.

Courses that may be transferred or challenged:

| | | <i>Credits</i> |
|----------|---|----------------|
| CNNP 523 | Primary Prevention for Advanced Practice Nurses | 4 |
| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
| NRMS 510 | Community Context for Continuity of Care | 3 |
| NRMS 511 | Pharmacology | 3 |
| NRMS 515 | Family Theory and Application | 3 |
| NRMS 516 | Management and Leadership in Health-Care Administration | 3 |
| NRMS 518 | Advanced Health Assessment | 3 |
| NRMS 519 | Advanced Pathophysiology | 3 |

Total Credits **24**

Courses that must be taken:

| | | |
|----------|--|---|
| NWHP 514 | Primary Care Management for the Childbearing Woman | 4 |
| NWHP 524 | Primary Care Management for Women Experiencing Deviation from Health | 4 |
| NWHP 530 | Preceptorship | 2 |
| NWHP 534 | Advanced Practicum I | 1 |
| NWHP 535 | Advanced Practicum II | 1 |

Total Credits **12**

NURSE ANESTHESIA

Master of Science Degree

The Nurse Anesthesia Program prepares registered nurses with the advanced skills and judgment required to practice as nurse anesthetists. The program accepts students once per year for the Fall term. The 61-credit course of study allows students to pursue their studies on a full-time (27 months) basis. The accrediting body for the Nurse Anesthesia Program is the Council on Accreditation of Nurse Anesthesia Educational Programs.

Upon completion of the program, graduates are eligible to take the certification examination given by the Council on Certification of Nurse Anesthetists. A minimum of 550 cases are required to take the National Certification Examination.

(For accreditation status, see page 5, "Accreditation.")

PROGRAM OF STUDY: MS NURSE ANESTHESIA

Program requirements: The program includes 11 credits of Graduate Nursing Core courses, 9 credits of Advanced Practice Nursing Core courses, and 41 credits of Specialty Curriculum Content.

Program of study/course offerings may change from year-to-year. Updated program of study forms are provided by the Office of the Registrar at the time of course registration.

1. Graduate Nursing Core Courses (11 credits)

This foundational curriculum content is essential for all students pursuing a master's degree in nursing, regardless of specialty.

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| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice |
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| NRMS 585 | Nursing Research I |
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| NRMS 586 | Nursing Research II |
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| NRMS 516 | Management and Leadership in Health-Care Administration or |
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| NRMS 517 | Advanced Practice Nurse as Nurse Educator |
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2. Advanced Practice Nursing Core Courses (9 credits)

Essential content to provide direct patient/client services at an advanced level.

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| NRMS 511 | Pharmacology |
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| NRMS 518 | Advanced Health Assessment |
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| NRMS 519 | Advanced Pathophysiology |
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3. Specialty Curriculum Content (41 Credits)

These courses provide students with advanced clinical and didactic learning experiences identified and defined by the specialty nursing organizations.

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| NRAN 501 | Pharmacology for Anesthesia |
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| NRAN 505 | Clinical Practicum I |
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| NRAN 507 | Principles of Anesthesia Practice I |
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| NRAN 508 | Anatomy, Physiology and Pathophysiology I |
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| NRAN 509 | Anatomy, Physiology and Pathophysiology II |
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| NRAN 510 | Clinical Practicum II |
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| NRAN 511 | Clinical Practicum III |
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| NRAN 513 | Principles of Anesthesia Practice II |
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| NRAN 519 | Advanced Practicum |
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| NRAN 520 | Basic Principles of Anesthesia Practice |
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| NRAN 521 | Clinical Practicum IV |
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| NRAN 523 | Professional Aspects of Anesthesia |
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| NRAN 524 | Chemistry, Biochemistry and Physics of Anesthesia |
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| NRAN 525 | Principles of Anesthesia Practice III |
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NURSE ANESTHESIA FULL-TIME PROGRAM OF STUDY

First Year

| <i>Fall Semester (14 credits)</i> | | <i>Credits</i> |
|-------------------------------------|--|----------------|
| NRAN 520 | Basic Principles of Nurse Anesthesia Practice | 3 |
| NRMS 504 | Theoretical Foundation for Advanced Nursing Practice | 2 |
| NRMS 511 | Pharmacology | 3 |
| NRMS 518 | Advanced Health Assessment | 3 |
| NRMS 519 | Advanced Pathophysiology | 3 |
| <i>Spring Semester (15 credits)</i> | | |
| NRAN 501 | Pharmacology for Anesthesia | 3 |
| NRAN 507 | Principles of Anesthesia Practice I | 3 |
| NRAN 508 | Anatomy, Physiology and Pathophysiology I | 3 |
| NRAN 523 | Professional Aspects of Anesthesia | 3 |
| NRAN 524 | Chemistry, Biochemistry and Physics of Anesthesia | 3 |
| <i>Summer Semester (1 credit)</i> | | |
| NRAN 505 | Clinical Practicum I | 1 |

Second Year

| <i>Fall Semester (11 credits)</i> | | |
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| NRAN 509 | Anatomy, Physiology and Pathophysiology II | 3 |
| NRAN 510 | Clinical Practicum II | 2 |
| NRAN 513 | Principles of Anesthesia Practice II | 3 |
| NRMS 585 | Nursing Research I | 3 |
| <i>Spring Semester (9-12 credits)</i> | | |
| NRAN 511 | Clinical Practicum III and Clinical Correlation Conference | 3 |
| NRAN 525 | Principles of Anesthesia Practice III | 3 |
| NRMS 586 | Nursing Research II | 3 |
| NRMS 517 | Advanced Practice Nurse as Nurse Educator (elective) | 3 |
| <i>Summer Semester (3-6 credits)</i> | | |
| NRAN 521 | Clinical Practicum IV and Clinical Correlation Conference | 3 |
| NRMS 516 | Management and Leadership in Health-Care Administration (elective) | 3 |

Third Year

| <i>Fall Semester (5 credits)</i> | | |
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| NRAN 519 | Advanced Clinical Practicum and Clinical Correlation Conference | 5 |

Total Required Credits **61**

NURSE MIDWIFERY

Master of Science Degree

The Nurse Midwifery Program prepares registered nurses with the advanced skills, education, and training required to provide primary care to women and newborns. The 52-credit program is designed for registered nurses with baccalaureate degrees in nursing who are entering the separately registered Advanced Certificate Program in Midwifery offered by the College of Health Related Professions (see that College's *Bulletin* or website at www.downstate.edu) and who wish to pursue a master of science degree through the College of Nursing.

The program consists of 38 graduate credits earned in the CHRP Midwifery Advanced Certificate Program and a minimum of 14 credits earned in the College of Nursing. Students may elect to enroll in the master's program in one of two ways:

- 1) They may attend graduate nursing courses concurrently with the courses taken for the Advanced Certificate Program in Midwifery; or
- 2) They may matriculate in the graduate master's program after having completed the advanced certificate portion of the program in the College of Health Related Professions.

If students take advanced certificate program courses concurrently with master's courses on a full-time basis, the master of science degree may be completed in 16 months.

Upon successful completion of the advanced certificate program, graduates are eligible to take the national certification examination given by the American College of Nurse-Midwives as well as the New York State Licensing Examination given by the State Board of Midwifery, State Education Department.

Certified nurse midwives who completed the certificate in Nurse Midwifery offered by SUNY Downstate prior to 1997 will have their course work evaluated on an individual basis.

PROGRAM OF STUDY: NURSE MIDWIFERY, MASTER OF SCIENCE AND ADVANCED CERTIFICATE

First Year

| <i>Fall Semester (9 credits)</i> | | <i>Credits</i> |
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| NRMW 5106 | Health Assessment of Women | 3 |
| NRMW 5108 | Primary Health Care of Women | 3 |
| NRMW 5205 | Pharmacology | 3 |
| <i>Spring Semester (10 credits)</i> | | |
| NRMW 5006 | Leadership Dynamics | 2 |
| NRMW 5009 | Obstetric Pharmacotherapeutics | 1 |
| NRMW 5202 | Antepartum Care | 4 |
| NRMW 5203 | Well Woman Gynecology | 3 |

Second Year

| <i>Fall Semester (10 credits)</i> | | |
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| NRMW 5104 | Neonatology | 3 |
| NRMW 5105 | Postpartum Care | 1 |
| NRMW 5204 | Intrapartum Care | 6 |
| <i>Spring Semester (9 credits)</i> | | |
| NRMW 5007 | Professional Aspects of Midwifery | 2 |
| NRMW 5405 | Integration of Clinical Studies | 4 |
| NRMW 5406 | Medical & Obstetric Complications | 3 |

38 Credits Required for Advanced Certificate in Midwifery

MASTER'S COURSES IN NURSING

Courses may be taken concurrently or following completion of advanced certificate requirements. Students are required to take one elective course.

Fall Semester

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| NRMS 504 | Theoretical Foundations for Advanced Nursing Practice | 2 |
| NRMS 510 | Community Context for Continuity of Care | 3 |
| NRMS 585 | Research I | 3 |

Spring Semester

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| NRMS 586 | Nursing Research II | 3 |
| NRMS 515 | Family Theory and Application (elective) | 3 |
| NRMS 516 | or | |
| | Management and Leadership in Health-Care Administration (elective) | 3 |
| NRMS 517 | or | |
| | The Advanced Practice Nurse as Nurse Educator (elective) | 3 |

14 Credits Required for Master's Courses

Total Required Credits **52**

Graduate Nursing Courses

GRADUATE NURSING CORE

NRMS 504

Theoretical Foundations for Advanced Nursing Practice

The analysis and evaluation of selected nursing conceptual models and theories that guide the development and evaluation of the theoretical base for advanced nursing practice, research, and education. Emphasis is on the critical thinking process as students participate in the evaluation of nursing conceptual models and theories and the generation of ideas for nursing research. Fall semester. 2 credits.

NRMS 510

Community Context for Continuity of Care

The concept of continuity of care is introduced. Environmental and demographic variables that influence the risk, course, and management of major health problems affecting vulnerable populations in the urban community are analyzed. Students apply the concepts from multicultural health, community health nursing, and public health to evaluate the continuity of care needs of individuals, families, and population groups. Private and public health-care resources are analyzed and evaluated. Political, legal, and institutional changes necessary to provide comprehensive continuity of care within an urban setting of care are analyzed. Students will implement a community-assessment project within a designated segment of an urban community. This will entail an intensive assessment and analysis of the local culture, environment, demographics, socioeconomic/political systems, and health-care resources. Unmet needs of the community relevant to the provision of continuous care to a selected population group will be identified. Clinical laboratory: 3 hours per week. Lecture: 2 hours per week. Fall semester. 3 credits.

NRMS 515

Family Theory and Application

This course focuses on the various configurations of the family as interacting systems within an environmental context. Theoretical perspectives on the family, including family systems theory, structural-functional theory, family developmental theory, interaction, communication, and crisis theory, provide a basis for the study of families. Family communication and

copied patterns are explored. Factors influencing family health, including social supports, cultural patterns, and individual role development within the family, are emphasized. The impact of health care policy on families is examined. Group participation and presentations provide students with an opportunity to integrate and apply theory to their work with families. Spring semester. 3 credits.

NRMS 516

Management and Leadership in Health-Care Administration

This course provides an overview of both management and leadership roles within health-care organizations. Concepts relevant to both roles are discussed to enhance students' understanding and ability to use these constructs to effect change in health care. Within the framework of the advanced practice role, advanced concepts are needed to insure that continuity of care and community needs are more fully met. To this end, the advanced practice nurse is both a manager and leader. This course will provide practical application of health-care administration using critical thinking, future planning, and problem analysis. The student will use a variety of approaches and experiences to explore the role of leader and manager. Summer semester. Elective. 3 credits.

NRMS 517

The Advanced Practice Nurse as Nurse Educator

This course provides an overview of concepts relevant to the role of advanced practice nurses in higher education. Building upon their specialized knowledge and skills, advanced practice students explore key components of the educator role applicable in academic and professional practice settings. The course focuses on the development of clinician-scholars as nurse educators. Spring semester. Elective. 3 credits.

NRMS 524

Clinical Specialty Residency

This course is designed to provide the advanced practice nurse (APN) student with an additional self-directed clinical/administrative residency experience under the preceptorship of specialists in a variety of clinical settings and mentored by SUNY faculty members. It will allow the student to practice in the role of an APN using previously acquired professional nursing experience and professional relationships.

The students will apply evidence-based practice as an APN in a specialty area. Critical thinking, advocacy, ethical and

legal dimensions, consultation, research, education, and policy development are addressed in practice and self-directed study. Each student brings to the clients his/her previous professional experience in management of program, patient care, or related technologies. This course will provide an individually tailored residency to facilitate the strengthening of specialty practice competencies and role performance of the APN.

This course is designed to have most communication between student and faculty participants done online through asynchronous bulletin boards or other communication technologies available to SUNY Downstate Medical Center students on the university website.

(Prerequisite: CNNP 523, for Nurse Practitioner students, or NRAIN 505, for Nurse Anesthesia students.) Clinical laboratory: 8 hours per week. Lecture: 1 hour per week. Summer semester. Elective. 2 credits

NRMS 550

Thesis Advisement

This course is for students who have not completed their thesis at the end of NRMS 586. It is intended to provide faculty guidance for the final preparation of the thesis. Students are required to register for this course each semester until the thesis is completed and approved by the advisor. (Prerequisites: NRMS 586.) Fall and spring semesters. 1 credit.

NRMS 570

Independent Study

Students explore a topic of special interest in-depth and in a self-directed manner. Students, either individually or in groups, select a faculty member with whom they: 1) identify their specific focus; 2) define goals to be achieved; 3) select and describe methodology; and 4) designate a final product. Students and faculty preceptors confer at mutually agreed upon intervals regarding the progress of the study. Offered on an as-needed basis. 1-4 credits.

NRMS 585

Nursing Research I

This course focuses on the skills necessary to conduct clinical nursing research and addresses both quantitative and qualitative research methods. Emphasis is on advanced practice nurses as clinicians/researchers and the use of research finding as a foundation for evidence-based practice. The culminating experience of the course is the development of the first chapter of a research proposal. Fall semester. 3 credits.

NRMS 586 Nursing Research II

This course provides an opportunity to refine a research proposal specific to a clinical question in the student's area of clinical concentration. Emphasis is placed on evaluation of the feasibility of the proposed study and its design. (*Prerequisite: NRMS 585.*) Spring semester. 3 credits.

ADVANCED PRACTICE NURSING CORE COURSES

NRMS 511 Pharmacology

This course is designed to prepare advanced practice nurses for the privileges, responsibilities, and legal and ethical standards associated with prescribing therapeutic regimens for culturally diverse populations. It focuses on expanding students' knowledge base in pharmacology and pharmacotherapy to select and apply patient-specific therapeutic regimens to promote health and for a variety of disease states. This course will include the patient-specific goals for therapy, choice of safe and effective therapeutic regimens, dosage adjustments, therapeutic drug monitoring for specific therapeutic endpoints, toxicological and adverse events, and patient education about prescribed therapy to maximize adherence to a therapeutic plan. Fall and spring semesters. 3 credits.

NRMS 518 Advanced Health Assessment

This course provides students with theoretical knowledge and skill in advanced, comprehensive history taking, physical assessment, and differential diagnosis of children, adults, pregnant women, and the elderly. Assessment includes physical, developmental, psychosocial, and cultural dimensions. Emphasis is placed on the diagnostic reasoning process, which forms the foundation for clinical decision-making in advanced nursing practice. The laboratory component of the course will provide the opportunity to apply advanced assessment skills. College laboratory: 3 hours per week. Lecture: 2 hours per week. Fall semester. 3 credits.

NRMS 519 Advanced Pathophysiology

This course begins with a discussion of the mechanism of cellular injury and the pattern of response to adverse environmental conditions. This is followed by a system review of the way underlying mechanisms produce pathologic disorders. The etiology, epidemiology, pathogenesis, and mani-

festations of selected disease processes affecting adults will be presented. This serves as a scientific basis for understanding health and disease and is imperative for optimal patient management provided by advanced practice nurses. Research findings and nursing theories/framework relevant to the course content will be discussed. Fall semester. 3 credits.

SPECIALTY CURRICULUM CONTENT

Nursing (Clinical Nurse Specialist) Courses

CNNP 523 Primary Prevention for Advanced Practice Nurses

Course is designed for students in all nurse practitioner and clinical nurse specialist programs. Provides the theoretical basis and field experience for the application of evidence-based practice of primary prevention for clients of all ages.

Emphasis is on health promotion and beginning role development of the advanced practice nurse. The impact of physiology, socialization, and culture on the individual's growth, development, health, and social roles is explored. Major health problems in the U.S. will be analyzed, with attention to risk factors for underserved populations and their preventive health needs. Strategies of risk analysis and reduction, screening, lifestyle change, disease detection and prevention, complementary and alternative therapies, and case management will be examined. Relevant theories are applied to the planning and coordination of primary prevention. Advocacy, ethical, and legal dimensions of primary prevention will be addressed throughout the course. Case studies and case presentations are used to promote synthesis of content and the development of critical thinking. A precepted clinical experience will include comprehensive assessment and focused primary prevention for individuals of all ages. (*Prerequisites: NRMS 504, 511, 518 and 519.*) Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Spring semester. 4 credits.

NRCS 524 Advanced Practice Roles in Continuity of Care I

This course provides clinical nurse specialist students with the theoretical basis and clinical experience for advanced nursing practice with adult or high-risk mother and infant clients with major health or illness experiences. The emphasis in this

course is on the direct role of the clinical nurse specialist. Case studies are used to illustrate the nursing process, critical thinking, evidence-based practice, ethical and legal issues, and concepts of continuity of care of clients from culturally diverse populations. Each student selects a focused clinical area with clients whose health-care needs are disrupted by a major health problem. Mastery of clinical skills and knowledge will be attained in that area and can be further developed to meet criteria for professional credentialing. Students are responsible for the provision of culturally competent, comprehensive management of a caseload of selected clients in collaboration with other members of the interdisciplinary team. (*Prerequisites: CNNP 523, NRMS 515, and NRCS 551. Co-requisite: NRMS 510.*) Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Fall semester. 4 credits: 3 credits theory; 1 credit clinical.

NRCS 534 Advanced Practice Roles in Continuity of Care II

This course focuses on the indirect role of the clinical nurse specialist, with particular emphasis on the analysis of the leadership role in fostering the planning and development of high-quality, cost-effective continuity of care for culturally diverse clients and populations. The indirect role will be analyzed, with emphasis on collaboration, consultation, advocacy, entrepreneurship, and ethical and legal dimensions. The role of the clinical nurse specialist in the formulation and implementation of evidence-based health-care policies and practices that are safe, ethical, interdisciplinary, and cost-effective is examined. An introduction to the essential elements of successful grant writing is an integral component of this course. Relevant theories (leadership, change, organization, etc.) will continue to be applied to the coordination and management of clients within an interdisciplinary framework. (*Prerequisite: NRCS 524.*) Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Spring semester. 4 credits: 3 credits theory; 1 credit clinical.

NRCS 544 Advanced Practicum

In this course, students assume increasing responsibility and independence in developing educational programs, providing clinical expertise and consult on complex patients. The course is a clinical practicum and provides the opportunity

for integration of the direct and indirect role of the clinical nurse specialist and all learned knowledge, skills, and clinical judgments.

The course has no didactic component. Course objectives are reflected in the clinical objectives of NRCS 534. The clinical objectives are written to reflect the progression of competence and skills that students are expected to develop as they progress through the various clinical experiences. (*Pre- or co-requisite: NRCS 534.*) Clinical Laboratory: 8 hours per week. Spring or summer semester. 1 credit.

NRCS 551 **Group Theory and Practice**

This course provides the theoretical basis and practice experience for the application of group dynamics and group process for the advanced practice nurse (APN). It addresses the APN's role in shaping a therapeutic group culture and analyzing group interactions and effecting change. The course also focuses on the knowledge and skills needed to effect personal growth and change in individuals and groups. Every other year (even years only). Spring semester. 2 credits.

Family Nurse Practitioner Courses

CNNP 523 **Primary Prevention for Advanced Practice Nurses**

This course is designed for students in all nurse practitioner and clinical nurse specialist programs. It provides the theoretical basis and field experience for the application of evidence-based practice of primary prevention for clients of all ages. The emphasis is on health promotion and beginning role development of the advanced practice nurse. The impact of physiology, socialization, and culture on the individual's growth, development, health, and social roles is explored.

Major health problems in the United States will be analyzed, with attention to risk factors for underserved populations and their preventive health needs. Strategies of risk analysis and reduction, screening, lifestyle change, disease detection and prevention, complementary and alternative therapies, and case management will be examined. Relevant theories are applied to the planning and coordination of primary prevention.

Advocacy, ethical, and legal dimensions of primary prevention will be addressed throughout the course. Case studies and

case presentations are used to promote synthesis of content and the development of critical thinking. A precepted clinical experience will include comprehensive assessment and focused primary prevention for individuals of all ages.

(*Prerequisites: NRMS 504, 511, 518 and 519*) Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Spring semester. 4 credits.

NFNP 513 **Primary Care Management of Obstetrical and Pediatric Patients**

This course provides the theoretical basis and field experience for the application of evidence-based practice for the pediatric and adolescent client and women of childbearing age. The nursing process, diagnostic reasoning, comprehensive primary care assessment and management of acute and chronic problems form the basis for direct role functions of the student nurse practitioner. Advocacy, ethical and legal dimensions of primary care practice, consultation, research, education and policy development are also addressed.

The didactic content will emphasize childbearing women during the prenatal and postpartum periods, management of common, acute and chronic childhood illnesses, complementary and alternative therapies, and problems of growth and development. The role functions of the Family Nurse Practitioner in the provision and management of comprehensive primary care will be reinforced. Case studies and case presentations will be used as vehicles to promote synthesis of content and the development of critical thinking. Field experience will include assessment and management of families and obstetrical and pediatric clients presenting for comprehensive care or common complaints. (*Prerequisite: CNNP 523*) Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Fall semester. 4 credits: 3 credits theory; 1 credit.

NFNP 523 **Primary Care Management of Adults with Common Acute and Chronic Conditions**

This course focuses on the application of evidence-based practice to the diagnosis and management of acute and chronic conditions commonly affecting adults of all ages. Students continue to hone their knowledge and skill in clinical judgment by analyzing historical, physical examination, and laboratory data to determine diagnoses and treatment regimens.

Advanced nursing practice strategies to facilitate patient empowerment, self-care, health promotion, disease prevention, and restoration of optimal functional status are emphasized. Case studies and case presentations are used in both instruction and evaluation to promote synthesis of content and the development of critical thinking. Essential indirect role functions of the advanced practice nurse practitioner are reinforced, as is the advocacy component of nurse practitioner practice. Ethical and legal issues in patient management and the challenges of providing comprehensive, primary care in a managed-care environment are addressed.

The clinical practicum, which accompanies this course, provides opportunities for the comprehensive assessment and management, within the context of the family, of adults experiencing acute and/or chronic alterations in health. (*Prerequisite: NFNP 512.*) Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Spring semester. 4 credits: 3 credits theory; 1 credit clinical.

NFNP 530 **Preceptorship**

This course begins the capstone experience for the advanced practice nurse. An integral part of this course is related to the role development of the advanced practice nurse, including regulation of advanced nursing practice, credentialing, peer review, quality control, certification, and legislative, economic, legal, and ethical issues.

In this course, the student synthesizes, analyzes, and evaluates the theoretical foundations for the advanced practice nurse and applies knowledge from biophysical, psychological, social, and cultural sciences to the care and management of individuals, families, and communities. Ethical and legal principles are applied and practiced.

The clinical component of the preceptorship focuses on mastering clinical skills, demonstrating the ability to provide comprehensive primary care, health promotion, defining risks, complementary and alternative therapies, and the management of illness in individuals of all ages. With appropriate consultation and individualized supervision, the student nurse practitioner provides care to culturally diverse individuals, families, and communities. (*Prerequisite: NFNP 523*) Clinical laboratory: 8 hours per week. Lecture: 1 hour per week. Summer semester. 2 credits: 1 credit seminar; 1 credit clinical.

NFNP 533 AND 534 Advanced Practicum I and II

This is a continuation of the capstone experience for Family Nurse Practitioner students. The focus is on mastering clinical skills and demonstrating the ability to manage clients of all ages. With appropriate consultation and individualized supervision, the student provides comprehensive primary health care to culturally diverse individuals, families, and communities. Theories and knowledge from previous course work are synthesized with ethical principles and legal and professional standards of practice to form a personal philosophy of primary health-care services.

These two courses have no didactic component. Course objectives are reflected in the clinical objectives that encompass Primary Care Management of Adults with Common Acute and Chronic Conditions, Preceptorship, and Advanced Practicum I and II. The clinical objectives are written to reflect the progression of competence and skill that the student is expected to develop as he/she progresses through the four clinical experiences. 1 credit each.

Women's Health Nurse Practitioner Courses

CNNP 523 Primary Prevention for Advanced Practice Nurses

This course is designed for students in all nurse practitioner and clinical nurse specialist programs. It provides the theoretical basis and field experience for the application of evidence-based practice of primary prevention for clients of all ages. The emphasis is on health promotion and beginning role development of the advanced practice nurse. The impact of physiology, socialization, and culture on the individual's growth, development, health, and social roles is explored.

Major health problems in the United States will be analyzed, with attention to risk factors for underserved populations and their preventive health needs. Strategies of risk analysis and reduction, screening, lifestyle change, disease detection and prevention, complementary and alternative therapies, and case management will be examined. Relevant theories are applied to the planning and coordination of primary prevention.

Advocacy, ethical, and legal dimensions of primary prevention will be addressed throughout the course. Case studies and case presentations are used to promote synthesis of content and the development

of critical thinking. A precepted clinical experience will include comprehensive assessment and focused primary prevention for individuals of all ages.

(Prerequisites: NRMS 504, 511, 518 and 519) Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Spring semester. 4 credits.

NWHP 514 Primary Care: Management of the Childbearing Woman

This course provides the theoretical basis and field experience for the application of evidence-based practice for the provision of culturally competent care to women during the prenatal, pregnant, and post-natal periods. It builds on components of the nursing process and diagnostic reasoning, emphasizing prenatal risk assessment and primary care of the obstetrically low-risk woman, within the context of her family. The etiology, pathophysiology, diagnosis, complementary and alternative therapies, and management of problems during pregnancy will be explored. Social, behavioral, and cultural aspects are considered integral components of this process.

Advocacy, ethical and legal dimensions of primary care practice, consultation, research, education, and policy development are also addressed. The role functions of women's health nurse practitioners in the provision of pre- and post-natal care will be reinforced. Case studies and other teaching strategies will be used as vehicles to promote synthesis of content and the development of critical thinking. *(Prerequisite: CNNP 523)* Clinical laboratory: 8 hours per week. Lecture: 3 hours per week. Fall semester. 4 credits.

NWHP 524 Women's Primary Care Management of Women Experiencing Deviations from Health

This course provides the theoretical basis and field experience for the application of evidence-based practice for the provision of culturally competent care to women experiencing common acute and chronic problems across the lifespan. The emphasis is on selected alterations in women's health, encompassing the etiologic, pathophysiologic, diagnostic, and therapeutic mechanisms involved with each alteration and role development of the Women's Health Nurse Practitioner.

The didactic content will emphasize the nursing process, diagnostic reasoning, complementary and alternative therapies, and the management of common chronic

and acute gynecological problems that form the basis for the direct role functions of the student Women's Health Nurse Practitioner. Advocacy, ethical and legal dimensions of primary gynecological practice, consultation, research, education and policy development are also addressed. Case studies and other teaching strategies will be used as vehicles to promote synthesis of content and the development of critical thinking.

Field experience will include comprehensive assessment and primary care of women seeking gynecological care. *(Prerequisite: NWHP 514)* 4 credits: 3 credits theory; 1 credit clinical.

NWHP 530 Preceptorship

This course begins the capstone experience for the advanced practice nurse. An integral part of this course is content related to the role development of the advanced practice nurse, including regulation of advanced nursing practice, credentialing, peer review, quality control, certification, and legislative, economic, legal, and ethical issues. In this course, students synthesize, analyze, and evaluate the theoretical foundations of advanced nursing practice and apply knowledge from biophysical, psychological, social, and cultural sciences to the care and management of individuals, families, and communities. Ethical and legal principles are applied and practiced. The clinical component of the preceptorship focuses on mastering clinical skills, demonstrating the ability to provide comprehensive primary care, health promotion, defining risks, complementary and alternative therapies, and the management of illness in individuals of all ages. With appropriate consultation and individualized supervision, the student nurse practitioner provides care to culturally diverse individuals, families, and communities. *(Prerequisite: NWHP 524)* Clinical laboratory: 8 hours per week; seminar: 30 hours per semester. Summer semester. 2 credits.

NWHP 534 AND 535 Advanced Practicum I and II

This is a continuation of the capstone experience for women's health nurse practitioner students. The clinical practicum focuses on mastering clinical skills and demonstrating the ability to manage childbearing clients of all ages and women experiencing alterations in health. With appropriate consultation and individualized supervision, students will provide comprehensive primary health care to culturally diverse individuals, families

and communities. Theories and knowledge from previous course work are synthesized with ethical principles and legal and professional standards of practice to form a personal philosophy of primary health care services.

The course has no didactic component. Course objectives are reflected in the clinical objectives that encompass Primary Care III, Preceptorship, and Advanced Practicum I and II. The clinical objectives are written to reflect the progression of competence and skill that the student is expected to develop as he/she progresses through the four clinical experiences. Clinical laboratory: 8 hours per week for each practicum. Spring and summer semesters. 1 credit each.

Nurse Anesthesia Specialty Courses

NRAN 501 Pharmacology for Anesthesia

This course covers the general principles of the pharmacodynamics and pharmacokinetics of anesthetic drugs. Mechanisms of absorption, distribution, metabolism, and excretion of drugs are covered. Current inhalation, intravenous, local anesthetics, muscle relaxants, and their application to anesthesia administration are discussed. The role of autonomic, cardiovascular, respiratory, and central nervous systems drugs is included. Drug interactions and their impact on anesthesia management are also discussed. (*Prerequisite: NRMS 511*) Spring semester. 3 credits.

NRAN 507 Principles of Anesthesia Practice I

This course focuses on principles of anesthesiology as they relate to the individual patient's medical history. Includes physiological changes that occur in morbid obesity, diabetes, and geriatrics. Describes the effects of the above parameters on anesthetic choice and outlines appropriate anesthesia management for eye, ear, nose, mouth, throat, gastrointestinal, genitourinary, and orthopedic procedures, and also anesthesia for the trauma patient. Etiology, precautions, and treatment of malignant hyperpyrexia are discussed along with postoperative complications attributed to anesthetic accidents. Anesthetic considerations in outpatient surgical care during the perioperative period are identified. Spring semester. 3 credits.

NRAN 508 Anatomy, Physiology, and Pathophysiology I

Advanced study and analysis of anatomy, physiology, and pathophysiology, beginning with a comprehensive study of the structure and functions of the cell. Specific attention is focused on the cardiovascular and respiratory systems, with emphasis on ECG interpretation, invasive monitoring, and blood gas analysis. Additionally, anesthetic practice implications are presented for each system. Theoretical and clinical foundation of the pulmonary artery catheter and analysis of its function is presented. (*Prerequisite: NRMS 519*). Spring semester. 3 credits.

NRAN 509 Anatomy, Physiology, and Pathophysiology II

This course focuses on the anatomy, physiology and pathophysiology of the nervous, endocrine, hepatic, gastrointestinal and genitourinary systems. Comprehensive analysis of these systems and their correlation to anesthesia practice are stressed. The anesthetic implications in the management of patients with co-existing diseases are discussed. (*Prerequisite: NRAN 508*). Fall semester. 3 credits.

NRAN 513 Principles of Anesthesia Practice II

This course is a study of the concepts of anesthesia for pediatric, obstetric, and cardiovascular procedures. The physiology and pathophysiology of the cardiovascular system and techniques for open-heart surgery are included in the presentations. Concepts and applications of induced hypothermia and cardiopulmonary bypass are also included. Appropriate anesthetic management of pediatric and parturient patients is described. Special emphasis is placed on hemodynamic stabilization, thermogenesis, and airway management. Fall semester. 3 credits.

NRAN 520 Basic Principles of Anesthesia Practice

This course is an overview of the basic principles of anesthesia administration. The scope of anesthesia practice, pre-anesthetic assessment, monitoring, blood/fluid administration, airway management, documentation, patient positioning, drugs commonly used in anesthesia, and the anesthesia machine are discussed. The interpretation of laboratory data, patient history, and physical examination are applied to the development of

an anesthetic care plan. The basic principles and techniques of general anesthesia, regional anesthesia, monitored anesthesia care, pain management, and management of the patient in the recovery period are discussed. Fall semester. 3 credits.

NRAN 523 Professional Aspects of Anesthesia

This course is an overview of the professional aspects of nurse anesthesia. The history of nurse anesthesia, as well as political and economic issues and legislation affecting nurse anesthesia are discussed. Clinical practices, education, and the role of the nurse anesthetist in relation to health care and managed care are explored. This course also discusses the development, organization, and philosophy of the American Association of Nurse Anesthetists. Spring semester. 3 credits.

NRAN 524 Chemistry, Biochemistry, and Physics for Anesthesia

An in-depth study of the principles of chemistry, biochemistry, and physics and their application to the management of the anesthetized patient. This course is divided into two sections. The first consists of organic and inorganic chemistry with a focus on nucleic acid, carbohydrates, lipid, and protein metabolism. The second section includes an application of gas laws and physical principles of physiology, pathophysiology, and explosive hazards that exist in the clinical anesthesia practicum. Spring semester. 3 credits.

NRAN 525 Principles of Anesthesia Practice III

This course focuses on advanced concepts of anesthesia for cardiovascular and neurological surgery. Emphasis is placed on cardiothoracic pathology and the evaluation and management of anesthesia for revascularization procedures. Cerebrovascular diseases are discussed in addition to functional neurological monitoring and anesthetic management of intra-cranial procedures. (*Prerequisite: NRAN 513*). Spring semester. 3 credits.

Nurse Anesthesia Clinical Practicums

NRAN 505 Clinical Practicum I

Clinical practicum I is designed to introduce the clinical art and science of nurse anesthesia. Skills in pre-anesthesia evaluation and anesthetic management during

the perioperative and postoperative period are developed through supervised experiences in clinical anesthetic management of ASA Class I and II patients. Anesthesia management includes general, regional and MAC cases. (*Prerequisite: NRAN 501, NRAN 507, NRAN 508, NRAN 524*)

NRAN 510 Clinical Practicum II

The clinical application of didactic material from the nurse anesthesia curriculum focuses on utilization of additional anesthesia techniques. Skill development is fostered through demonstration and return demonstration. Mastery of the basic clinical skills is required as the clinical experiences include progressively more complex cases, requiring invasive monitoring. Patient classification includes ASA I, II, and III. (*Prerequisite: NRAN 505*)

NRAN 511 Clinical Practicum III and Clinical Correlation Conference

The emphasis in clinical practicum III is on the anesthetic management of ASA I - IV, and E classification. Clinical practice rotation includes pediatrics, obstetrics, and open-heart. For those students unable to have clinical practice rotation in the aforementioned, rotation includes neurosurgery, thoracic, and pain. During clinical practicum III students begin on-call experiences and specialty rotation. The diverse clinical experience will continue to develop students' critical thinking skills along with the ability to plan for any emergency anesthesia case. (*Prerequisite: NRAN 509, NRAN 510, NRAN 513*)

NRAN 519 Advanced Clinical Practicum and Clinical Correlation Conference

The focus of the advanced clinical practicum is to foster independence where the instructor, CRNA and/or anesthesiologist acts as a facilitator. The student is able to formulate an anesthetic plan for patients across the age continuum for those requiring simple to complex anesthetic management and techniques. (*Prerequisite: NRAN 521*)

NRAN 521 Clinical Practicum IV and Clinical Correlation Conference

Clinical Practicum IV includes complex cases across the age continuum. Clinical practice rotation includes neurosurgery, thoracic and pain. For those students unable to have clinical practice rotation in the aforementioned, rotation includes pediatrics, obstetrics, and vascular.

Specialty case rotation continues involving patients with higher acuity requiring the application of advance anesthesia techniques and management. (*Prerequisite: NRAN 511, NRAN 525*)

Nurse Midwifery Courses

NRMW 5006 Leadership Dynamics

This course assists the student in understanding the fundamentals of human behavior and gives the student the interpersonal skills necessary to work effectively with clients and other healthcare professionals from diverse ethnic and cultural backgrounds. Theories of role change, group dynamics, and the role of the leader as problem-solver, developer, delegator, and change agent are included. Effective leadership, conflict resolution, and team play are emphasized. Lecture. 2 credits

NRMW 5007 Professional Aspects of Midwifery

Introduces students to the history of midwifery and the impact of social, political, economic, and legislative forces affecting midwifery and maternal and child healthcare in the United States. Issues and trends in midwifery education, research and clinical practice, and the role of the nurse-midwife in managed care are explored. Knowledge of the role, philosophy, purpose, and organizational activities of the American College of Nurse-Midwives is discussed. Lecture. 2 credits

NRMW 5009 Obstetric Pharmacotherapeutics

This course provides basic concepts and underlying principles of pharmacologic management during pregnancy. Emphasis is given to pharmacokinetics during pregnancy, teratology, vitamins and minerals, and pre-eclampsia, as well as obstetrical analgesia and anesthesia. Lecture. 1 credit

NRMW 5104 Neonatology

This course focuses on the care and management of the normal newborn from birth through the neonatal period. Knowledge and skills of resuscitation, immediate delivery-room management, and comprehensive physical examination, including neurological and gestational age assessment, are presented and practiced. Problems, normal variations in the neonate, pathophysiology, common congenital anomalies, growth and development, and anticipatory guidance are inte-

grated with the midwifery management process. Emphasis is also placed on the midwife's role as an advocate and liaison for families with the healthcare delivery system. Lecture. 3 credits

NRMW 5105 Postpartum Care

This course emphasizes the care and management of women from delivery of the infant to four-to-six weeks postpartum. Topics include: physiology of involution, comprehensive postpartum assessment skills, needs of the postpartum mother and family, counseling regarding self-care, initiation and support for lactation, care of the infant, and restorative exercises. Management of postpartum discomforts and complications are also included. With faculty supervision, students will provide assessment and follow-up of women during the early postpartum period. Lecture. 1 credit

NRMW 5106 Health Assessment of Women

This course has been designed to provide basic knowledge and skills needed for the practice of women's primary health care. Emphasis is placed on history-taking and physical examination, including the female reproductive system. Relevant anatomy and physiology, sequence and techniques of physical examination, and normal and abnormal findings are included. Lecture. 3 credits

NRMW 5108 Primary Health Care of Women

This course focuses on the primary and preventive ambulatory healthcare needs of women. It stresses the role of midwives in health promotion and disease prevention as educators and promoters of women's wellness. Primary preventive healthcare guidelines are included.

Assessment and evaluation of undiagnosed symptoms and physical signs, management of common acute and chronic medical conditions, and identification, consultation, and appropriate referral for other needed healthcare services are discussed. Implications for early diagnosis of diseases, appropriate screening, and prevention strategies based on genetic, environmental, and behavioral risk factors during various phases of women's lives are covered. Lecture. 3 credits

NRMW 5202 Antepartum Care

This course emphasizes the management of care of normal women throughout pregnancy. Maternal-fetal physiology and

assessment, embryology, nutrition, child-birth education, breastfeeding, pathophysiology and needs of the pregnant woman are presented and integrated with the midwifery management process. Selected pathophysiology and common antepartum complications are covered. With faculty supervision, students will provide culturally competent care to pregnant patients. Lecture. 4 credits

NRMW 5203 Well-Woman Gynecology

This course emphasizes knowledge and skills in gynecologic care, from adolescence through postmenopause. Includes all health promotion and illness prevention; preconception care and counseling; human sexuality and family planning; and common gynecological problems during various stages of women's lives. With faculty supervision, students will provide care to women in ambulatory-care settings. Lecture. 3 credits

NRMW 5204 Intrapartum Care

This course emphasizes management of care of normal women during labor, delivery, and the immediate postpartum period. Topics covered include anatomy of the pelvis; physiology and mechanisms of labor; care of the laboring woman; maternal and fetal assessment; pathophysiology; delivery techniques and procedures; and early maternal/family and newborn bonding. With faculty supervision, students will provide complete care and management of the intrapartum patient, including delivery and immediate postpartum care. Lecture. 6 credits

NRMW 5205 Pharmacology

This course will begin with the basic concepts of pharmacology and the principles of pharmacokinetics and pharmacodynamics. Students will be introduced to the mechanisms by which commonly used pharmacotherapeutics alter normal physiology as well as the pathophysiology of selected disease states. Emphasis will be placed upon the students' knowledge of classifications of drugs rather than individual drug therapies. Students will be encouraged to consider the indication for use, mechanism of action, routes of administration, contraindications, precautions, adverse reactions and interactions of commonly prescribed pharmacotherapeutics. The legal basis of prescriptive authority is also addressed. 3 credits.

NRMW 5302 International Women's Health-Care Policy

This course provides the student with an overview of the health-care delivery system of a host country. Students will have an opportunity to compare women's health-care policy in the host country with that of the United States. Other areas covered are midwifery laws, education, and practice in the host country. Offered during the summer semester. Interested students must apply to participate in the International Women's HealthCare Policy course. Field trip. Elective. 3 credits

NRMW 5401 Research I

Provides the foundation of research and critical inquiry as it applies to the evaluation of scientific evidence. A basic statistics course is a prerequisite. The course will utilize literature review and critique with a focus on clinical practice pertinent to midwifery and women's health. Midwifery contributions to the scientific literature will be highlighted as examples. Lecture. 3 credits

NRMW 5402 Research II

Provides a special focus on research methods and their applications in clinical research and evidence-based practice. Steps in developing a research proposal and an evidence-based protocol for practice are presented. Students will be expected to prepare a research proposal or a manuscript for publication, detailing the evidence-based practice protocol. Research I is a prerequisite. Lecture. 3 credits

NRMW 5403 HealthCare Policy and Community Assessment

Exposes students to the principles of epidemiology within a community assessment framework in order to understand health policy in the United States. The foci of this course are federal and state health-policy identification, development, analysis, and implementation; and the examination of the role of the healthcare provider in influencing health policy in the United States. Lecture. 3 credits

NRMW 5405 Integration of Clinical Studies

In this course, students assume increasing responsibility and independence for managing the primary health care of women from adolescence through postmenopause. The course is a clinical

practicum and provides the opportunity for integration of all learned knowledge, skills, and judgment essential for safe beginning midwifery practice. Students provide comprehensive primary women's health care in a variety of clinical settings with the supervision of faculty. Lecture. 4 credits

NRMW 5406 Medical and Obstetric Complications

Focuses on identifying and managing the care of the at-risk or high-risk woman and her fetus from the antepartum through the intrapartum and postpartum periods. Emphasis is on recognition, diagnosis, evaluation, referral, and follow-up of common medical and obstetric complications. Concurrent with the "Integration of Clinical Studies" course, students will obtain clinical experiences under faculty supervision. Lecture. 3 credits

NRMW 5407 Introduction to Teaching

This course focuses on basic theory and skill-building related to didactic and clinical teaching and learning. Topics include: an analysis of various philosophies of education and adult learning, learning styles assessment, systematic approach to curriculum development and evaluation (including a description of the process and foundations for curriculum development, instructional design, and behavioral objectives for courses and selection of appropriate testing and evaluation methods), principles of learner supervision in the clinical setting, problem-solving in the teaching/learning environment, and an overview of clinical evaluation. Lecture. 3 credits

NRMW 5700 Independent Study

This course provides the student with an opportunity to explore, in-depth and in a self-directed manner, a topic of special interest. Students, either individually or in groups, select a faculty member with whom they: 1) identify their specific focus; 2) define goals to be achieved; 3) select and describe methodology; and 4) designate a final product. Students and faculty preceptors confer at mutually agreed-upon intervals regarding the progress of the study. Elective offered on an as-needed basis. 1-3 credits

Teaching Facilities

The classroom and laboratory facilities of the College of Nursing are located in both the Health Science Education Building (395 Lenox Road) and the Basic Sciences Building (450 Clarkson Avenue). Clinical laboratories are taught at SUNY Downstate Medical Center's University Hospital of Brooklyn, at Kings County Hospital Center, and at a large network of affiliated hospitals and community health facilities.

The Health Science Education Building is the academic center of the campus. The building houses classrooms and laboratories, a 500-seat auditorium, and the Medical Research Library of Brooklyn.

The College of Nursing occupies the eighth floor of the Education Building. Its facilities include:

LEARNING RESOURCE CENTER (LRC)

The LRC has been designed to provide a simulated nursing setting. The laboratory center contains areas for small group practice and discussion. It also has one large area outfitted with complete patient units, supplies, and equipment commonly found in the hospital setting, instruments for physical assessment, expendable supplies (e.g., dressings, IV solutions, and tubing), as well as models and mannequins. Students may use the LRC to fulfill specific course requirements. In addition, students use the facility for self-directed study, or for alternative learning activities to master skills or better understand complex nursing content.

COLLEGE COMPUTER LABORATORY

The College of Nursing computer lab is equipped with a color laser printer and 28 Pentium PCs running Windows NT. Students can use Microsoft Office applications (Word, Excel, and PowerPoint) to create documents, spreadsheets, and slide presentations. In addition, students have fast access to the Internet via the campus network.

Each student is issued an email account that can be used for local and Internet messages. The computer lab is open Monday to Friday for nursing students. A basic orientation to the computers and the network is offered at the beginning of each semester; further instruction by SUNY Downstate's Learning Resources Center is also available in several areas. Nursing students may also elect to take a course, taught by faculty in the College of Nursing, that will allow beginners to gain proficiency in a wide variety of computer applications.

THE NURSING CENTER

Located at Heights and Hill Community Council in downtown Brooklyn, the Nursing Center provides noninstitutional nursing care and health-support services to elderly residents of the area, free of charge. Services such as physical assessment, patient education, help with management of illness and use of medication, screening, and referrals to other health professionals are provided at the Center and in patients' homes. Undergraduate and graduate nursing students and faculty are afforded a variety of opportunities for practice, research, and special projects.

Clinical Care Facilities

Nursing students receive their clinical training at the on-campus University Hospital of Brooklyn and at affiliated institutions and sites throughout the metropolitan area. Clinical sites used in the teaching program may vary from year to year.

UNIVERSITY HOSPITAL OF BROOKLYN

University Hospital of Brooklyn (UHB) is the 376-bed plus 30-bassinets teaching hospital of SUNY Downstate Medical Center and integral to the clinical education provided to students. As the regional center for Brooklyn and Staten Island, UHB provides, on average, care to over 17,000 inpatients and nearly 311,000 visits in its on-site Outpatient Department, Dialysis Center, and three off-site ambulatory care centers located in Bedford-Stuyvesant, Midwood, and East New York. More than 58,000 visits are made to UHB's Emergency Department yearly. UHB is a full-service hospital fully accredited in all medical subspecialties.

University Hospital of Brooklyn is a regional provider of outstanding primary and advanced medical care. The cardiothoracic surgery, cardiovascular medicine, and interventional cardiology programs at UHB are among the leading cardiac-care teams in Brooklyn.

As part of an academic medical center, UHB has several specialized programs that form the base for the Children's Hospital and enable it to excel among pediatric services in Brooklyn and New York. UHB is designated a Regional Perinatal Center.

KINGS COUNTY HOSPITAL CENTER

One of the largest acute-care hospitals in the country and the largest municipal hospital in New York City, with 43 acres and 23 buildings, Kings County Hospital Center offers clinical opportunities of every description. It is operated by the Health and Hospitals Corporation of the City of New York. Kings County recently completed a state-of-the-art 338-bed inpatient tower as part of its modernization project. Its facilities include one of the country's busiest emergency rooms, a nationally recognized Level I trauma center, and more than one hundred ambulatory care services. Kings County averages 23,000 admissions, 140,000 emergency room visits, and more than 543,000 outpatient visits annually.

CLINICAL AFFILIATES

Complementing the clinical experiences available at University Hospital of Brooklyn and Kings County Hospital, the College of Nursing maintains affiliations with a broad network of community agencies and hospitals, including the following:

Brookdale University Hospital and Medical Center

525-bed voluntary hospital with more than 20,000 admissions, 149,000 outpatient visits, and 100,000 ER visits annually. Brookdale is designated a level One Trauma Center.

Brooklyn Hospital Center

653-bed voluntary hospital with more than 23,500 admissions, 145,000 outpatient visits, and 92,000 ER visits annually.

Coney Island Hospital

376-bed New York City Health and Hospitals Corporation hospital with more than 22,000 admissions, 286,000 outpatient visits, and 60,000 ER visits annually.

Long Island Jewish Medical Center

833-bed voluntary hospital with more than 37,000 inpatient admissions, 509,000 outpatient visits, and 57,000 ER visits annually.

Lutheran Medical Center

476-bed voluntary hospital with more than 125,000 inpatient days, 620,000 outpatient visits, and 50,000 ER visits annually. Lutheran is designated a Level One Trauma Center.

Maimonides Medical Center

705-bed voluntary, not-for-profit hospital with more than 31,000 admissions, 209,000 outpatient visits, and 88,000 ER visits annually.

New York Methodist Hospital

560-bed voluntary hospital with more than 26,000 admissions, 124,000 outpatient visits, and 65,000 ER visits annually.

North Shore University Hospital

795-bed voluntary hospital with more than 44,000 admissions, 213,500 outpatient visits, and 27,000 ER visits annually.

Staten Island University Hospital

813-bed voluntary hospital with more than 36,000 admissions, 432,000 outpatient visits, and 75,000 ER visits annually.

Veterans Affairs, New York Harbor Healthcare System, Brooklyn Campus

348-bed voluntary hospital with designated primary care program and ambulatory care center.

MEDICAL CENTERS AND HEALTH AGENCIES

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|---|---|
| Bellevue Hospital* | Metropolitan Hospital Center* |
| Bronx Lebanon Hospital | Metropolitan Jewish Geriatric Center |
| Bronx Veterans Affairs Medical Center | Morrisania Neighborhood Family Care Center* |
| Brookdale Hospital Medical Center | Mount Sinai Hospital |
| Brooklyn Hospital Medical Center | Neponsit Health Care Center* |
| Coler Memorial Hospital* | New York Methodist Hospital |
| Coney Island Hospital* | New York Presbyterian Hospital |
| Cumberland Neighborhood Family Care Center* | North Central Bronx Hospital* |
| Downstate Medical Center—University Hospital of Brooklyn | North Shore Long Island Jewish Health System |
| East New York Diagnostic and Treatment Center* | North Shore University Hospital |
| Elmhurst Hospital* | Queens Hospital Center* |
| Englewood Hospital | Segundo Belvis Ruiz Neighborhood Family Care Center* |
| Goldwater Memorial Hospital* | Seaview Hospital Rehabilitation Center* |
| Good Samaritan Hospital | St. Mary's Hospital |
| Gouverneur Skilled Nursing Facility* | Self-Help Community Service, Inc. |
| Harlem Hospital Center* | Shorefront Jewish Geriatric Center |
| Hospital for Joint Diseases | Staten Island University Hospital |
| Jacobi Medical Center* | Sydenham Neighborhood Family Care Center* |
| Jamaica Hospital* | Veterans Administration New York Harbor Healthcare System, Brooklyn Campus |
| Kings County Hospital Center* | Visiting Nurse Association of Brooklyn |
| Kingsboro Psychiatric Center | Visiting Nurse Service of New York |
| Kingsbrook Jewish Medical Center | Winthrop University Hospital |
| Lincoln Medical and Mental Health Center* | Woodhull Medical and Mental Health Center* |
| Long Island Jewish Medical Center | Wyckoff Heights Medical Center |
| Lutheran Medical Center—Family Health Center | <i>*These agencies are part of the New York City Health and Hospitals Corporation. Contract covers 23 clinical agencies and/or hospitals.</i> |
| Lyndon Baines Johnson Health Complex | |
| Maimonides Medical Center | |
| Dr. Susan Smith McKinney Nursing and Rehabilitation Center* | |
| Medwell Medical Group | |

Support Services for Students

STUDENT HEALTH

The Student Health Service provides primary care for acute conditions, illnesses, and injuries to the more than 1,500 full-time and part-time matriculated students at SUNY Downstate. It also provides routine health clearances, immunizations, and tuberculin testing when needed. (Services are not provided to students not paying the Student Health fee, students on leave of absence, or to the families of matriculated students.)

The Student Counseling Service is part of the Student Health Service and provides counseling and psychological services to matriculated students. All information revealed to the counselor is strictly confidential and cannot be shared with another person without the student's consent.

All students must submit a completed health form that includes, among other things, documentation of a tuberculin test (or chest x-ray if tuberculin is positive) and immunity to measles, mumps, rubella, and varicella. Students not complying with this requirement will not be permitted to register for classes.

Purpose and Functions

The Student Health Service makes available to matriculated students preventive, therapeutic, and consultative medical care. The coverage provided by Student Health does not include hospitalization, laboratory fees, radiology fees, psychiatric care (other than initial evaluation and counseling by an on-campus psychologist), dental care, or consultation with physicians other than Downstate physicians.

SUNY Downstate and its affiliated hospitals have protocols for exposure to blood and body fluids. This is detailed in the Student Health information pamphlet and in the *Student Handbook*.

Additional information regarding programs, hours, services, and policies is available in a brochure published by the Student Health Service and also in the *Student Handbook*.

Student Health Advisory Committee

The Student Health Advisory Committee includes members of the faculty, the director of the Student Counseling Service, the director of the Student Health Service, administrators, and students. The role of the Committee includes making recommendations regarding health services, counseling, health insurance, utilization of the yearly student health fee, and any other student health issues. The committee serves as an advisory body. Students with questions or suggestions are encouraged to speak to the director of the Student Health Service or the Office of Student Affairs.

Student Health Insurance

Student health insurance is mandatory for all students. Information about the health-insurance plan currently available may be obtained from the Office of Student Affairs.

University Resources

Facilities for Instruction

University Services

Student Life

Student Organizations

Facilities for Instruction

HEALTH SCIENCE EDUCATION BUILDING

The campus's Health Science Education Building (HSEB) houses state-of-the-art classrooms, laboratories, a 500-seat auditorium, and the Medical Research Library of Brooklyn. The College of Nursing occupies the eighth floor.

MEDICAL RESEARCH LIBRARY OF BROOKLYN

Library Hours:

Monday-Thursday: 8:30 am to midnight

Friday: 8:30 am to 9:00 pm

Saturday : 9:00 am to 9:00 pm

Sunday: noon to midnight

Holiday closings and summer hours are posted.

Downstate's library occupies three floors of the Health Science Education Building and is accessible from the 395 Lenox Road entrance.

Resources

The nucleus of the library was formed when the Academy of Medicine of Brooklyn and SUNY Downstate merged in the 1960s.

The collections date from the early eighteenth century, and include an archive of historical materials relating to the history of medicine in Kings County and at the Long Island College Hospital, SUNY Downstate's predecessor institution. These materials are cataloged and the holdings may be searched on the publicly accessible website: library.downstate.edu.

The library's website also provides access, both local and remote, to many other resources, including a significant number of electronic journals in full-text. Other resources include

FirstSearch, CINAHL (Cumulative Index to Nursing and Allied Health Literature), PubMed, InfoShare, NetLibrary, Info-Trac, and Lexis-Nexis. Remote access is validated through a proxy server.

All computers within the library are connected to the Internet. Wireless access to the Internet is available throughout the library, and appropriately configured laptops may be checked out at the Access Services desk for two hours of in-house use.

Services

- Access Services requires you to complete registration in the library's management system in order to take out materials from the library's collections. This unit also maintains the General Reserve collection, the Special Reserve which is course specific and may be available electronically as an E-Reserve item on the library web page. Wireless laptops and group study rooms are also available from this unit.
- Inter-Library Loan will procure materials that are not available in the library. These materials may be requested through request forms found in the library and on the library's web page. Articles requested may be delivered in pdf format to clients' desktops.
- The Reference unit will conduct generic orientations or customized orientations upon request. Please call extension s7453. Course or program specific orientations or classes may also be arranged with the library. Librarians are on duty seven days a week, and an online reference chat room that allows a real time chat with a librarian is also available along with e-mail reference. Print reference resources are also available on the first floor of the library.
- The Institute of Evidence-Based Practice serves all of the colleges, as well as the residency programs

through curriculum-integrated sessions. The library has created internationally recognized EBM tutorials which are available on the library's web page. Customized instruction is always available upon request.

- Learning Resource Services is located on the lower level of the library and comprises the Learning Resource Center (LCR), Classroom Services, and the Audiovisual unit. It is designed to meet the independent and small-group learning needs of the library's clients. A wide array of computer software and audiovisual programs is available. The LRC has over 200 seats configured in group or individual viewing rooms, carrels, two computer training rooms, and the Computer Access Room, open 24 hours. Computer application tutorials, such as a Microsoft Office XP and Microsoft Office 2000 suite, are available on CDs at the LRC desk.
- Classroom Services is responsible for room scheduling and audiovisual services. The unit receives requests to schedule meetings, classes, and symposia and reserves the necessary space and equipment to ensure a successful event. Staff also provide technical assistance, as needed, to operate audiovisual equipment such as overhead, slide and video projectors. Student requests for space and equipment are done through the Student Center. Reservations are preferred by fax or online submission: classrooms.downstate.edu.
- Self-service photocopiers are available on the first and second floors of the library. Copies may be made for 10 cents per page if a SUNY Downstate ID card with a smart chip is used. A coin-operated photocopier is available on the first floor and copies are 25 cents per page. Fee-based photocopying services are also available (see Access Services desk for details).

- Printing is available via networked printers located on the first floor of the library and also in the LRC and the Computer Access Room.

For more information please go to the library's website at: library.downstate.edu.

SCIENTIFIC COMPUTING CENTER

The Scientific Computing Center (SCC) is an in-house consulting group providing research support for faculty, staff, and students. Services include access to specialized computer equipment and software, and instruction in the use of programs for analysis and presentation. Staffed by career scientists with expertise in experimental design, bio-statistics, mathematical modeling, signal analysis and bio-informatics, the Center is designed as a one stop location for the researchers' needs.

The main office of the SCC is located in the Health Sciences Education Building, room EB-51 (adjacent to the Learning Resources Center on the lower level of the library). The Faculty Resource Room is in EB-59. Hours of operation are 9:00 a.m. to 5:00 p.m., Monday through Friday. The main telephone number is 270-7424.

Research Support

Students and faculty engaged in research are urged to make an appointment with an SCC consultant during the initial planning stage of their studies. SCC consultants have a wide-range of expertise. Help and support are available at all stages of research; in designing studies, setting up databases, carrying out statistical analyses, utilizing advanced scientific programs (or writing special purpose programs) and helping the researcher present his or her findings in the clearest way possible (by means of either text or graphics).

Consultation services that the SCC provides for researchers include:

- Determining proper sample sizes for statistical significance;
- Formulating appropriate hypotheses;
- Utilizing mark-sense scan forms for data input;
- Using appropriate techniques for acquiring and organizing data;
- Reorganizing, transforming, simplifying, and summarizing complex data;
- Using software for graphing and displaying data;
- Modifying and enhancing image files;
- Modeling procedures for fitting curves to data;
- Scanning images and data into computer files;
- Assisting the researcher in interpreting and writing up results of data analysis;
- Utilizing advanced scientific programs; and
- Writing special purpose programs for modeling and analysis.

Faculty Resource Room

The Faculty Resource Room (FRR), located in room EB-59, is available to faculty, staff, and graduate students for research and courseware development. Some of the software available for data analysis, presentation graphics, and courseware include SPSS, SAS, Word, Excel, Powerpoint, Access, PhotoShop, Photo Editor, and Omnipage. The FRR also contains equipment for producing 35mm slides, and scanning pictures, x-rays or slides into graphic files for presentations.

University Services

Current and more detailed information appears annually in the *Student Handbook*.

BOOKSTORE

The University Bookstore, located on the first floor of the Student Center, stocks all required and recommended texts and reference books at discounted prices. Special orders are accepted for books not stocked—these are also obtained at discounted rates. In addition to books, the bookstore offers stationery, sundry items, medical instruments, lab coats and jackets, school rings and pins, microscope sale and rentals, drug items, swimming supplies, master locks, batteries, film, stamps, and casual school clothing.

Additional information, including return policies and hours, is published annually in the *Student Handbook*.

BURSAR'S OFFICE

The Bursar's Office is responsible for reporting and dispersing to the state comptroller all monies received at SUNY Downstate, except hospital patient receipts. These collections include tuition, dormitory rents, registration deposits, library fines and fees, and dormitory damage fees. The office also disperses all checks made available through all federal loan and scholarship programs, state scholarships and TAP awards, local Center loans and scholarships, and guaranteed loans.

The Bursar's Office accepts Visa, MasterCard, and the Discover cards for payment of tuition, fees, and dormitory-rent charges. The deadline for registration (to avoid late charges) and tuition payment (to avoid late charges) is generally the last business day before the first day of classes in that semester.

Returning or continuing students who wish to change their out-of-state residency status to in-state residency for

tuition purposes must file the appropriate application and supporting documentation with the Registrar's Office two weeks prior to the mailing of the subsequent semester's registration packet (approximately one month prior to the start of the semester). Therefore, change of status from out-of-state to in-state must be initiated six weeks prior to the date of registration for the next term. Registration dates are indicated on the academic calendars.

CAFETERIA

Downstate operates a cafeteria open to students, faculty, staff, and visitors. It is located on the first floor between the Basic Sciences Building and University Hospital.

The Faculty Student Association runs Cafe 101 in the Student Center. The cafe has indoor and outdoor seating and is open Monday through Friday.

CHAPLAIN SERVICES

The Office of Pastoral Care of University Hospital of Brooklyn offers religious and other support services to patients, families, staff, and members of the Downstate community. The Interfaith Chapel (Room A1-347, University Hospital) is open 24 hours a day for use by all. Times and dates of religious services are posted on the chapel bulletin board. For more information, call (718) 270-2594; in an emergency, (718) 270-2121.

CHILDREN'S CENTER

Located at 440 Lenox Road, this is an on-site day-care center that offers developmentally appropriate early-childhood education for children from age eight weeks to five years. Its director and staff are fully qualified to teach young children. The Children's Center has a sliding fee scale, and there is a \$10 nonrefundable application fee. Center hours are 7:30 a.m. to 5:30 p.m. For more information call the Children's Center, (718) 221-6165.

OFFICE OF OPPORTUNITY AND DIVERSITY

Compliance with the equal opportunity laws and regulations listed below is within the scope of responsibilities of this office.

- Title VI of the Civil Rights Act of 1964 as amended. Prohibits discrimination on the basis of race, color, or national origin in admissions, access to courses of programs, and student policies.
- Title IX of the Educational Amendments of 1972. Prohibits exclusion from participation in, or denial of benefits, or subjection to discrimination on the basis of sex in any education program or activity receiving federal financial assistance.
- Section 504 of the Vocational Rehabilitation Act of 1973. Prohibits discrimination on the basis of physical or mental handicap in any federally assisted program or activity.
- Age Discrimination Act of 1975. Prohibits discrimination on the basis of age in programs or activities receiving federal financial assistance.
- Americans with Disabilities Act of 1990 (Titles II-V). Prohibits discrimination on the basis of disability in public service and public transportation, public accommodations, telecommunications, and miscellaneous provisions.

Students are invited and encouraged to consult with the Office of Opportunity and Diversity informally when situations or problems relating to perceived discriminatory treatment or behavior occur. The SUNY Grievance Procedure for Review of Allegations of Discrimination is available in the *Student Handbook*.

PARKING

State University Garage Lenox Road between 34th and 35th Streets

Since parking at SUNY Downstate is limited, it has been divided as fairly as possible among the many groups who frequent the Center: staff, students, visitors, etc. Reserved parking privileges are available for handicapped individuals.

Student Parking spaces at 225 Clarkson Avenue are distributed by lottery to second-year nursing students.

- Transient parking in garage: \$1 per four hours
- Special Reduced Rate (with presentation of SUNY Downstate ID): \$.50 per 9 hours. M-F from 2:45 p.m. to 8 a.m., and Saturdays, Sundays, and holidays.

For additional information, please contact the Parking Office at 825 New York Avenue, 1st floor. M-F 9:00 a.m.–4:00 p.m., 718 270-3163.

Parking Lot

The parking lot, located at 404 Winthrop Street between Nostrand and New York Avenues, is a non-state facility owned and operated by the HSCB Foundation, Inc. Parking privileges are available to all SUNY Downstate employees/students who place their names on the waiting list in the Faculty Student Association Office (FSA), which is located in the Student Center, 270-3148. The parking lot is open M-F from 6:30 a.m. to 10 p.m. (excluding holidays) and security personnel are assigned during those time periods. The lot is closed on Saturdays, Sundays and holidays. Fifty (50) transient parking spaces are available at a daily rate on a first-come basis.

UNIVERSITY POLICE

The University Police Department maintains a proactive approach to reduction and suppression of crime on campus. More detailed information is published annually by University Police and in the *Student Handbook*.

Officers are assigned to:

- Entrances in each building
- Patrol each building
- Booths that are located in areas of high pedestrian traffic
- Radio-equipped motor vehicles

Identification/Facility Access

There are systems in place that are designed to ensure that persons entering Downstate are authorized to do so. I.D. must be worn on campus.

Phones/Alarms

A network of emergency (red) telephones is located throughout Downstate. In addition, a network of panic alarms is located in various places, including the corridors, laboratories, rest rooms, and on-call rooms. Both the red phones and panic alarms are linked directly with the University Police Department and are monitored 24 hours a day to ensure a quick response to any emergency.

Shuttle Service

To enable personnel who commute by public transportation to get to their points of departure safely, the University Police Department provides transportation to subway stations and bus stops. There is also a shuttle service to and from the off-campus parking facilities and Downstate.

Escort Service

An unscheduled service designed to move faculty, staff, and students at off-peak hours to local destinations (e.g., dorms to Kings County, University Hospital to garage).

Closed Circuit Television System

A CCTV system monitoring the interior and exterior of the Downstate campus is monitored 24 hours a day by the University Police Department.

Perimeter Lighting

Additional high-intensity lighting has been installed on exterior areas of the campus in addition to that already provided by the City of New York.

Student Responsibilities

Isolation can occur almost anywhere on campus, depending on the time of day, day of the week, or specific building. To avoid isolation, students should:

- Walk and travel in groups, when possible
- Use University Police escort and shuttle services
- Be aware that University Police monitors its telephone switchboard (x2626) 24 hours a day, and that red telephones have direct contact with University Police without dialing
- Be aware that University Police has emergency alarm buttons throughout University Hospital, the Basic Sciences Building, the Health Science Education Building, the Student Center, and dormitories which, if activated, University Police staff are dispatched to investigate

Residence Hall Security

Downstate has two residential buildings available for students. The following security and safety systems are currently in place:

- 24-hour coverage by University Police officers at 811 New York Avenue.
- Service-desk coverage by professional and student staff (8:30 a.m. to midnight).
- Electronically locked entrance doors. I.D. cards are swiped for access.
- A panic alarm system on each floor (common areas) and in all public basement areas
- Surveillance cameras in common areas, laundry rooms, and outside entrances.

University Police Annual Report

The Downstate Medical Center University Police / Public Safety Department prepares and publishes an annual security report that complies with the Crime Awareness on Campus Security Act, better known as the Clery Act. This report is available on line at www.downstate.edu/police/report.html. Printed copies are available upon request from University Police Administrative Office, 450 Clarkson Ave, Box 1201, Brooklyn, NY 11203 or call 718-270-3161.

REGISTRAR'S OFFICE

The Registrar's Office is part of the Division of Student Affairs and is located on the first floor of the Basic Sciences Building in Room 112. The office is responsible for class schedules, registration, course selection, course adds/drops, grades, transcripts, certification of student status, certification of academic good standing, loan deferments, veterans' affairs, and the maintenance of all academic records. Additional information regarding fees, charges, and records policies can be found in the appendix of the *Student Handbook*.

Current students may review their academic folders by requesting to do so and providing proper identification. It is usually possible to review the folder immediately upon request; however, on occasion it may be necessary to make an appointment and return the following day.

Students receive progress reports at the end of the academic year.

A minimum of two weeks should be allowed when requesting transcripts, completion of licensure forms, and certification. Overnight or express mail is only at student expense. Arrangements for an overnight mail envelope and repayment of associated charges may be made through the Bursar's Office and the SUNY Downstate mailroom.

Changes in local mailing address, including phone number, must be reported promptly to the Registrar's Office.

Student Academic Records

Student academic records are confidential and are released only to appropriate faculty and administrative offices. Release of student records to any other college prospective employer, agency, or individual occurs only with the written permission of the student as described in the Family Rights and Privacy Act (FERPA).

Students may review their current academic record in the Office of the Registrar by submitting a request in writing for an appointment.

The Office of the Registrar does not release student addresses or telephone numbers unless these appear in the student directory.

(Additional information regarding student records and transcripts, and the Family Education Rights and Privacy Act appears in the "Appendix" of the *Student Handbook*.)

Transcripts

Official transcripts are forwarded to educational institutions and to other recognized organizations only upon the written request of a registered student or former student. Official transcripts are not released to the student or former student. Students must request official transcripts in writing to the Office of the Registrar. A check for \$5.00 per transcript made payable to "SUNY HSCB" must be submitted to the Bursar's Office and the receipt submitted to the Office of the Registrar at the time the request is made.

Transcripts cannot be released for any student who has a financial or other university "hold" on his/her record.

RESIDENTIAL LIFE

Upon acceptance to SUNY Downstate, students are sent housing information and application forms by the Office of Admissions. For additional information concerning housing, write or telephone:

Residential Life and Services

SUNY Downstate Medical Center

811 New York Avenue

Brooklyn, NY 11203

Telephone: (718) 270-1466

Fax: (718) 270-1467

Website: www.downstate.edu/residential-life

Email: residentiallife@downstate.edu

A residence hall is a continually changing environment in which resident students can explore the varied relationships and lifestyles in the process of their development as well-rounded individuals. The residence hall is a place where students live, learn, and relax in an environment that emphasizes both individual freedom and community responsibility. Living in the residence halls offers students convenience, comfort, and community. Downstate's Residence Life Program is designed to enhance these experiences.

Two residence halls, located at 811 and 825 New York Avenue, accommodate approximately 400 students. Assignments for the academic year are made each summer on the basis of computerized lotteries. Students may upgrade their assignment as space becomes available during the course of the year. Upgrades are decided based on lottery number.

Housing Options

Standard Rooms (singles and doubles)

These rooms are located on the second and third floors in each residence hall and are equipped with a bed, mattress, desk, and desk chair and built in closet. Toilet facilities are shared with residents in the adjoining room on these single sex floors. A community shower room (renovated in 2005) is located on each floor and is accessible by key to floor residents. Community kitchens for residents on these floors are located in 811 (3rd floor) and 825 (first floor- renovated in 2005).

Studio Apartments

Studio apartments are available in both double and single occupancy. Standard amenities include a bed, mattress, desk, desk chair, built in closets and a private bathroom. Each apartment contains a kitchen (renovated in 2005) that includes a stove, full-size refrigerator, microwave, kitchen table and chairs. Single studio apartments are offered based on demand and availability.

One-Bedroom Apartments

These large apartments are designed for two individuals or married students with separate bedrooms. Each room in the apartment is equipped with a bed, mattress, desk, desk chair and a closet. The apartment also comes with a private bathroom and a kitchen. The kitchens (renovated in 2005) have been upgraded to include a full-size refrigerator, stove, microwave, kitchen table and chairs. Assignments to one-bedroom apartments are based on a lottery system.

Off-Campus Housing

The Office of Residential Life provides interested students with information on available housing options outside of the residence halls. An off-campus housing list is maintained as a service to Downstate students and staff and is available on request.

Downstate employees do not inspect, approve or supervise any off-campus premises. Downstate does not become involved in any private landlord-tenant matters that may arise.

OFFICE OF STUDENT AFFAIRS

The Office of Student Affairs serves as a general help and information office to students in all four colleges. Student health-insurance information, international students' immigration forms, and Commencement are only a few of the areas handled through this office. More information is in the *Student Handbook* and on the institutional website.

International Student Services

Assistance is provided only for immigration forms, and only for matriculated F-1 students. J-1 students are assisted in the Department of Human Resources. Additional information is in the *Student Handbook*.

Jury Duty

Students who are summoned for jury duty may come to the Office of Student Affairs to request a letter stating their student status and request to have jury duty postponed. There is no guarantee that the student will have his or her jury duty postponed. If the court imposes service, the student must serve. Students should notify course directors/instructors should this occur.

After two excused absences, students are generally required to serve on the third summons. It is recommended that the student identify a time period when he or she can serve (e.g., during a vacation period), and notify the court of those dates at the time of the first and no later than at the third excused absence.

Students with Disabilities

Students with disabilities who wish to request accommodations for their academic program are required to complete the appropriate form prior to matriculation. The Office of Student Affairs coordinates arrangements for students with disabilities.

Students who wish to request accommodation(s) after they have matriculated into the college are required to complete the appropriate form available from the Office of Student Affairs. Accommodations may require time to process or to put in place. Technical standards are posted on the SUNY Downstate website and are also distributed to matriculated students annually.

Student Life

Detailed information is published annually in the *Student Handbook*.

Downstate offers a friendly environment. Students enjoy an easy camaraderie with professors and each other, on a campus that takes pride in its culturally diverse population.

On campus, the Student Center Governing Board plans a busy calendar of events year-round, including feature films, an intramural sports program, cookouts, and minicourses. Admission to most events is free. In addition, the Student Center houses a ticket office, where students can find discount tickets for the theater and other cultural events throughout New York. The campus is a short subway ride from Manhattan and its vibrant fusion of theater, restaurants, music, and museums.

LIVING IN BROOKLYN

A stimulating part of the school experience is life in Brooklyn, a borough of the City of New York that has enjoyed a renaissance during the last decade and is home to a new generation of young professionals and artists. It is also a place where multiple generations of families live and a port of entry for new immigrants.

Downstate is located in the geographic center of Brooklyn, with easy access to the borough's diverse cultural and recreational opportunities. The Brooklyn Museum houses one of the largest Egyptian collections outside of Cairo and London, as well as works by American and European masters. The Brooklyn Academy of Music is the nation's oldest symphony hall and home to the Brooklyn Philharmonic Orchestra. The Brooklyn Botanic Garden is internationally renowned for its fifty acres of landscaped plantings

that include a Japanese garden, 600 varieties of roses, and a cherry esplanade.

The world's first floating performance hall was created when a long-time Brooklynite docked a coffee barge in the East River and adapted it for audiences; with its spectacular view of the lower Manhattan skyline, Bargemusic has become one of the most popular places in the city to hear chamber music. The Brooklyn Center for the Performing Arts offers a variety of programs ranging from classical music, ballet, and modern dance, to popular entertainers.

Prospect Park is also close by. Designed in the 1860s, the 526-acre park is considered the finest work of Calvert Vaux and Frederick Law Olmstead, who are regarded as the greatest landscape architects America has produced. During the summer, outdoor concerts and opera are performed. Sheepshead Bay with its famous fishing fleet, and Coney Island, Manhattan Beach, and Brighton Beach, are a short trip away.

The borough also offers a variety of eating adventures. Russian, Middle Eastern, Kosher, Chinese, Korean, Thai, Italian, French, Spanish, German, Scandinavian, Jamaican, and West Indian are just some of the types of restaurants located in the borough.

There is an equally wide selection of housing from which to choose. Brooklyn has large apartment houses, architecturally interesting brownstones, one-and two-family attached and semi-attached houses, old mansions, and new developments—something for every taste and budget.

STUDENT CENTER

The Student Center, located at 394 Lenox Road, is the focal point of campus social, cultural, and recreational activities. The Student Center was established to further the educational

mission and goals of SUNY Downstate by offering programs and services that provide for the personal, professional, social, and cultural development of students, staff, faculty, and alumni. Students are automatically members. Spouses and children may be included for an additional fee.

Recreational facilities include a gymnasium, swimming pool, sauna, hot tub, squash courts, an outdoor tennis court, billiards, and table tennis. Fitness equipment includes a Universal gym, barbells, and an array of bodybuilding and aerobic-exercise machines. The Student Center provides rooms for meetings and small lounges for reading or relaxing. Two pianos are available as well as cable TV with VCR and DVD.

Student Activities Office

The Student Activities Office is located in the Student Center. Questions concerning activities and programs of the Student Center Governing Board should be directed to this office. Within its area of responsibility are: methods and procedures for organizing an event, event registration on the Student Center calendar, alcohol policy, and facility capabilities as they relate to student events and activities, as well as any inquiries regarding the Mini-Course Program or Intramural Activities.

Theater Ticket Service

This office provides tickets to Broadway and off-Broadway shows, operas, ballets, concerts, sporting events, and other cultural activities at greatly reduced prices—often 50 percent or more off the established rate.

Cafe 101

The Faculty-Student Association runs Cafe 101 in the Student Center. The cafe has indoor and outdoor seating and is open daily.

Student Organizations

The structure and activities of student organizations may change from year to year, depending on student interests. The following is a representative sampling of clubs and organizations that were active at the time this publication was prepared. For more current information, please see the Student Life section of the website, sls.downstate.edu.

For further information on any organization, please utilize its mailbox at the Student Center.

STUDENT COUNCILS

Student Center Governing Board

The Student Center is the heart of social and community activity on the Downstate campus. Working hand-in-hand with all other student councils, the Faculty-Student Association, and school administrative bodies, the members of the Student Center Governing Board (SCGB) have a crucial and highly influential role in shaping the social, recreational, and athletic affairs of the University student body. The SCGB is open to all SUNY Downstate students. The board meets on alternate Tuesdays at 6:00 p.m. in the Student Center reading room, and its meetings are open to all those who wish to attend. The ten voting members are elected in the spring of the preceding year, but all attendees are encouraged to participate. The Student Center Governing Board sponsors many of the campus activities, including monthly Coffeehouses, weekly Movie Nights, weekly Happy Hours, Basketball Intramurals, Mini Courses, and Spring Fling—the annual semi-formal dance. Participating on the Student Center Governing Board is not only a great way to get connected with all the people, activities, events, and policy-making of the campus, but a wonderful experience as well. The business of the board is always brief and productive, with a significant percentage of time devoted to the purpose of improving student life on campus.

University Council

The purpose of University Council (UC) is to promote the interests and welfare of all the students at SUNY Downstate as related to campus-wide activities. The University Council is open to all SUNY Downstate students. University Council funds various clubs and organizations at Downstate and meets monthly. The Council deals with university-wide issues such as SUNY budget cuts and tuition increases, and has an affiliation with the Student Assembly of UNY. UC also co-sponsors activities such as Spring Fling, the annual semi-formal dance, and the annual Holiday Toy Distribution at Kings County Hospital.

Nursing Student Council

Most often referred to as “Nursing Council,” it is concerned with the promotion of the interests and welfare of the students in the College of Nursing. Currently, the council provides funding for orientation activities, Convocation, Nursing Yearbook, and Career Day as well as a host of social and educational activities.

College of Health Related Professions (CHRP) Council

CHRP Council undertakes and supports projects and activities that are in the general interest of the CHRP student body. This is achieved by interacting with other student organizations. The council fundraises to help send students to professional conferences, oversees clubs within CHRP, and develops the yearbook. The club also acts as an advocate for the students. The CHRP Council is open to all CHRP students.

Graduate School Council

Most often referred to as the “Grad Council,” its purpose is to promote the interest and welfare of the students in the School of Graduate Studies. Currently the council provides funding for orientation activities, luncheon meetings, travel for guest lecturers, a graduate student lounge, and various social events.

Master of Public Health Student Council

Most often referred to as “MPH Council,” it is concerned with the promotion of the interests and welfare of the students in the Master of Public Health Program.

Medical Student Council

The purpose of Medical Student Council (Med Council) is to promote the interest and welfare of the students of the College of Medicine. There are 24 members on the council, six from each class. The first-year class elects six students to represent the class for a one-year term. Towards the end of the first year, there is a second election where the first year class will elect six students for a three-year term. Med Council meetings are open to all COM students. Each class has a class president. These representatives attend monthly meetings of Med Council, oversee the class budget and coordinate recreational, educational, and fund-raising events for the class.

Residence Hall Council

The purpose of the Residence Hall Council is to make a safe, comfortable, and convenient environment for students residing in the residence halls. It is also the purpose of the Residence Hall Council to use the student activity fee to hold events for students in the residence halls. The Residence Hall Council is open to all resident students. The Residence Hall Council holds monthly meetings, as well as study breaks, decorating parties, social events, and picnics. The Residence Hall Council is also a forum for students to give their suggestions for improvements in the residence halls.

STUDENT CLUBS AND ASSOCIATIONS

Cardiology Club

The Cardiology Club at SUNY Downstate is open to all students and is designed to support student learning and expose interested students to the field of cardiology. They sponsor regular lectures and events, which present different aspects of the field. The group actively encourages student-faculty interaction outside of the classroom setting.

Chess Club

The Chess Club at SUNY Downstate is open to all students and is for everyone from the novice to the expert player. The group meets regularly and sponsors tournaments throughout the year.

Community Service Program

This program matches SUNY Downstate students to volunteer projects. It plans and develops service projects that address community-identified needs. The program gives students an opportunity to work with churches, civic groups, schools, social service agencies, and environmental groups while gaining valuable insight into Brooklyn's cultural diversity. For more information, contact Michael Harrell, MPA (mharrell@downstate.edu).

Cooking Club

The Cooking Club at SUNY Downstate is open to all students and exists to promote cooking and celebrate the diverse community of Brooklyn.

CSSA—Chinese Students and Scholars Association

The CSSA works to enhance academic and social communication between Chinese students and scholars on campus, and with other CSSA and Chinese associations in the tri-state area. Furthermore, the group enhances the academic and cultural communication between Chinese students/scholars with other ethnic groups on campus. In addition the group provides orientations for new Chinese students and scholars. The CSSA is open to all SUNY Downstate students. The benefits for group members include being more informed and connected with academic, social and cultural events in Chinese communities throughout the

tri-state area, building connections with Chinese professionals in various fields, and being represented by the CSSA both on and off campus.

Downstate Badminton Club

The Downstate Badminton Club is designed to promote mental and physical health through the physical exercise of badminton. Additionally, the group seeks to foster social interaction within the Downstate community. The Downstate Badminton Club is open to all SUNY Downstate students.

Downstate Christian Fellowship

The Downstate Christian Fellowship (DCF) is SUNY Downstate's chapter of the Christian Medical and Dental Associations (CMDA), the national associations of Christian physicians and dentists. It is a nondenominational, student- and faculty-led organization dedicated to supporting fellow Christian students, staff, and faculty of the Downstate community.

Downstate Performing Arts Society

The Performing Arts Society exists to increase the awareness of performance and visual arts and to offer opportunities for participation and expression in the arts.

Downstate Softball Club

The Downstate Softball Club promotes mental and physical health through the physical exercise of softball. Additionally, the group seeks to foster social interaction within the Downstate community. The Downstate Softball Club is open to all SUNY Downstate students.

Downstate Urology Club

The Downstate Urology Club is designed to promote awareness of the field of urology and men's health issues to students. The Downstate Urology Club is open to all Downstate students.

Emergency Medicine Club

The Emergency Medicine club exists to expose students to the field of emergency medicine and to provide fellow students with opportunities to meet ER physicians and residents and learn about their profession and lifestyle. The club seeks to provide students with the opportunity to relate academic knowl-

edge to clinical experience. To encourage interest in research projects dealing with emergency medicine and its subspecialties and to facilitate enrollment in such research projects. Membership is open to all SUNY Downstate students.

Ethics Society

The Ethics Society was established to expose students of the health professions to issues concerning morality, honesty and the ethics of medicine, which are encountered daily. The Ethics Society is open to all SUNY Downstate students. The Ethics Society seeks to provide a means through which students can express their concerns regarding these issues and a forum in which these concerns can be further pursued and brought to the attention of the greater community.

Foosball Club

The Downstate Foosball Club promotes mental and physical health through the physical exercise of foosball. Additionally, the group seeks to foster social interaction within the Downstate community.

Geriatrics Club

The Geriatrics Club is designed to promote awareness of the field of geriatrics specialty as well as to organize events and activities to serve the geriatric population. The Geriatrics Club is open to all SUNY Downstate students.

Lesbian, Gay and Bisexual People at Downstate

This organization's goal is to provide a healthy, open, and tolerant atmosphere on campus and to reduce the sense of isolation felt by many lesbian, gay, and bisexual people because of homophobia. The LGBP is open to all SUNY Downstate students, faculty, and staff.

The Maimonides Society

The Maimonides Society is a student-run organization whose purpose is to promote Jewish life at SUNY Downstate. It is intended to increase awareness and education about various Jewish events throughout the year and to provide programs to enhance Jewish life on campus. The organization is open to all students and faculty.

Medical Artists' Guild (MAG)

The Guild's main purpose is to have a club that allows students and other members of the Downstate community to express their ideas or thoughts through writing, poetry, and art. With its monthly publications/online magazine, the Guild seeks to foster an environment that includes poetry readings and art exhibitions on campus.

Muslim Student Association

The Muslim Student Association is designed to support Muslim students of SUNY Downstate and to present Islam to the Downstate community as a comprehensive way of life. It also provides an educational forum regarding its creed. Meetings are discussions on Islamic topics of interest and are open to all members of the Downstate community. The MSA is open to all SUNY Downstate students.

Operation Smile

The Downstate chapter of Operation Smile provides education and training to physicians, healthcare professionals, and students concerning reconstructive surgery and related healthcare of indigent children and young adults in developing countries and the United States. Operation Smile provides voluntary care to improve the quality of life for the children, families, and communities that share in the Operation Smile experience through overseas missions. Operation Smile is open to all SUNY Downstate students.

Ophthalmology Club

The Ophthalmology Club is designed to educate and expose members of the Downstate community to the various issues and opportunities in ophthalmology. It is open to all SUNY Downstate students.

Orthopaedic Surgery Club

The Orthopaedics Club is designed to educate and expose members of the Downstate community to the various issues and opportunities in Orthopaedics. The Orthopaedics Club is open to all SUNY Downstate students.

PANDA

PANDA is an all-inclusive Asian-American organization that promotes Asian-American awareness to the campus at large. It serves to unite all those interested in participating and learning about Asian culture, teachings and ideologies. Activities include quarterly meetings, special speakers and a New Year's dinner. PANDA is open to all SUNY Downstate students.

Peds R Us

Downstate's pediatrics club is a forum for all university students to learn about and contribute to children's healthcare and wellness issues through educational and recreational activities.

Academically, from lectures and panels by professionals, members hope to gain useful knowledge that can be applied in clinical and other interactive settings with children. Other activities include a reading hour in the pediatrics ward, conducting health education in neighborhood schools, and sponsoring a cooperative community fair with other organizations. Meetings take place every month with events scheduled three times a semester. All university students are invited to participate.

PNHP—Physicians for a National Healthcare Program

The Downstate chapter of the Physicians for a National Healthcare Program (PNHP) is designed to educate physicians, healthcare workers, students, and the general public on the need for a comprehensive, high-quality, publicly-funded healthcare program, equitably accessible to all residents of the United States. The PNHP is open to all Downstate students.

Psychiatry Society

The Psychiatry Society is designed to educate and expose members of the Downstate community to the various issues and opportunities in Psychiatry. The Psychiatry Society is open to all SUNY Downstate students.

Public Health in Medicine

The Public Health in Medicine Club is designed to educate and expose members of the Downstate community to the various issues of Public Health within medicine and to foster student involvement in public health initiatives at SUNY Downstate. Living and studying in Brooklyn provides students with unparalleled access to its diverse communities and their associated health issues. As health professionals in training, it is of the utmost importance that students are cognizant of these public health issues and are proactive in addressing them.

Radiology Society

The Radiology Society is designed to educate and expose members of the Downstate community to the various issues and opportunities in Radiology. The Radiology Society is open to all SUNY Downstate students.

Running Club

The Downstate Running Club promotes mental and physical health through the physical exercise of running. Additionally, the group seeks to foster social interaction within the Downstate community.

SALUD

SALUD is the Downstate chapter of the National Boricua Latino Health Organization (NBLHO), a Latino student group representing health professions students from the northeast region of the United States. Its mission is to recruit Latinos into higher education, educate the public and one another about Latino health issues, advocate for increased Latino representation in health related areas, and promote awareness about social, political, and economic issues as they relate to Latino health. It also serves to create a support network for Latino students.

SAAB—South Asian Association at Brooklyn

The South Asian Association at Brooklyn (SAAB) provides an atmosphere in which the South Asian students may partake in social and cultural collaboration due to the plethora of cultures that make up the South Asian region. SAAB is open to all SUNY Downstate students.

Sports Medicine Club

The purpose of the Sports Medicine Club is to provide future health care professionals with exposure, experience, and education in sports medicine and musculoskeletal problems. Students will be encouraged to attend workshops and discussions led by sports medicine professionals, participate in physicians' office hours, and observe operating room procedures in order to gain insight into this rapidly expanding field. A secondary purpose is to provide community service. This will include conducting physicals for local high school and college athletic teams, as well as medical coverage of athletic events. Membership and participation in the Sports Medicine Club is open to all Downstate students.

Student Medical Informatics Society

The Student Medical Informatics Society exists to promote the interests of the Medical Informatics field among its students and the Downstate community.

Students for Social Responsibility

The Students for Social Responsibility (SSR) is a student run organization committed solely to community service activities. SSR promotes healthcare, reduction of violence, and education within the Brooklyn Community. Major activities include visits to homeless shelter clinics, health education programs, and a high-school anti-violence program. SSR is open to all SUNY Downstate students.

Surgery Club

The purpose of the Surgery Club is to provide students early exposure to the field of surgery. Students have the opportunity to take part in workshops and group discussion with specialists in the field of surgery. The Surgery Club is open to all SUNY Downstate students. Talks are planned at which surgeons will explain new advances in the field. Surgeons will benefit by discussing their work with interested students. Students will be encouraged to scrub in on cases.

The Surgery Club continues to explore avenues through which students can gain a greater awareness of issues facing surgery in the 21st century.

Trothos, College of Nursing Yearbook

Trothos is the College of Nursing yearbook. Trothos is open to all CON students. For more information, please contact the Nursing Council.

Unite for Sight

This is the Downstate chapter of Unite for Sight, a nonprofit organization that works nationally and internationally to develop sustainable solutions to reduce health disparities.

State University of New York

The State University of New York's geographically dispersed campuses bring educational opportunity within commuting distance of virtually all New Yorkers and make up the nation's most diverse system of public higher education.

The State University of New York's 64 campuses are divided into four categories, based on educational mission, the kinds of opportunities available, and degrees offered.

SUNY offers students a wide diversity of educational options: short-term vocational/technical courses, certificate programs, associate degree programs, baccalaureate degree programs, graduate degrees, and postdoctoral studies. SUNY offers access to almost every field of academic or professional study somewhere within the system—some 6,688 degree and certificate programs overall.

Students pursue traditional study in classrooms and laboratories or work from home, at their own pace, through such innovative institutions as the SUNY Learning Network and Empire State College.

SUNY's students are predominantly New York State residents, representing every one of the state's 62 counties. SUNY students also come from every other state in the United States, from four U.S. territories or possessions, and 171 foreign countries.

SUNY enrolls 40 percent of all New York State high-school graduates, and its total enrollment of nearly 410,000 (full-time and part-time) is approximately 37 percent of the state's entire higher education student population.

SUNY students represent the society that surrounds them. In fall 2003, 18.6 percent of all students were minorities. In fall 2003, full-time minority faculty

members made up more than 12 percent of all full-time SUNY faculty.

As of fall 2003, SUNY numbers more than 2.4 million graduates on its rolls. The majority of SUNY's alumni resides and pursues careers in communities across New York State, contributing to the economic and social vitality of its people.

SUNY is committed to bringing its students the very best and brightest scholars, scientists, artists, and professionals. SUNY campuses boast nationally and internationally recognized figures in all the major disciplines. Their efforts are regularly recognized in numerous prestigious awards and honors.

State University Campuses

University Centers

State University of New York at Albany
State University of New York at Binghamton
State University of New York at Buffalo
State University of New York at Stony Brook

University Colleges

State University College at Brockport
State University College at Buffalo
State University College at Cortland
State University Empire State College
State University College at Fredonia
State University College at Geneseo
State University College at New Paltz
State University College at Old Westbury
State University College at Oneonta
State University College at Oswego
State University College at Plattsburgh
State University College at Potsdam
State University College at Purchase

Health Science Centers

Health Science Center at Brooklyn (SUNY Downstate)
Health Science Center at Syracuse
Health Science Center, State University at Buffalo*
Health Science Center, State University at Stony Brook*

Colleges of Technology

State University College of Technology at Alfred
State University College of Technology at Canton
State University College of Agriculture and Technology at Cobleskill
State University College of Technology at Delhi
State University College of Agriculture and Technology at Morrisville

Specialized Colleges

State University College of Environmental Science and Forestry
State University Maritime College
State University College of Optometry
State University College of Technology at Farmingdale
State University College of Agriculture and Technology at Utica/Rome

Statutory Colleges ***

New York State College of Agriculture and Life Sciences at Cornell University
New York State College of Ceramics at Alfred University
New York State College of Human Ecology at Cornell University
New York State School of Industrial and Labor Relations at Cornell University
New York State College of Veterinary Medicine at Cornell University

Community Colleges

Adirondack Community College at Glens Falls
Broome Community College at Binghamton
Cayuga County Community College at Auburn
Clinton Community College at Plattsburgh
Columbia-Greene Community College at Hudson
Corning Community College at Corning
Dutchess Community College at Poughkeepsie
Erie Community College at Williamsville, Buffalo and Orchard Park
Fashion Institute of Technology at New York City**
Finger Lakes Community College at Canandaigua
Fulton-Montgomery Community College at Johnstown
Genesee Community College at Batavia
Herkimer County Community College at Herkimer
Hudson Valley Community College at Troy
Jamestown Community College at Jamestown
Jefferson Community College at Watertown
Mohawk Valley Community College at Utica
Monroe Community College at Rochester
Nassau Community College at Garden City
Niagara County Community College at Sanborn
North Country Community College at Saranac Lake
Onondaga Community College at Syracuse
Orange County Community College at Middletown
Rockland Community College at Suffern
Schenectady County Community College at Schenectady
Suffolk County Community College at Selden, Riverhead, and Brentwood
Sullivan County Community College at Loch Sheldrake
Tompkins Cortland Community College at Dryden
Ulster County Community College at Stone Ridge
Westchester Community College at Valhalla

*The Health Science Centers at Buffalo and Stony Brook are operated under the administration of their respective university centers.

**While authorized to offer such baccalaureate and master's degree programs as may be approved pursuant to the provisions of the Master Plan, in addition to the associate degree, the Fashion Institute of Technology is financed and administered in the manner provided for community colleges.

***These operate as "contract colleges" on the campuses of independent universities.

Faculty

College of Nursing Faculty

Dean and Professor

Daisy Cruz-Richman

Associate Dean for Graduate Programs and Professor

Laila Sedhom

Associate Dean for Undergraduate Programs and Clinical Associate Professor

Nellie Bailey

Associate Professors

Veronica Arikian, Kellie Bryant
Mary Germain, Patricia Kizilay

Clinical Associate Professors

Nancy Giordano, Sheryl Zang

Assistant Professors

Pamela Hiscox, Yvonne Nathan, Annette Siegel

Clinical Assistant Professors

Elizabeth Guillaume, Margaret Jackson, Joseph Jennas, Edna Lewis, Jacqueline Patterson-Johnson, Kathleen Powderly, Reynaldo Rivera, Dianne Forbes Woods, Anny Yeung

Clinical Instructors

Gemma Abaring, Rosalind Boyce, Renason Bunbury, Linda Cohen, Cynthia Margalit, Sarah Marshall, Jean McHugh, Kathy Phillips-Harding, Kathleen Salak, Maria Yomtov

Lecturer

Luzviminda Casapao, Margaret Clifton, Barbara Kitchener

Adjunct and Clinical Faculty

Caroline Akinkuotu, Patricia Antoine, Susan Brillhart, Hildred Castle, Simone Cinque, Robert Curran, Tania Fairweather, Therese Germain, Yuliya Groyzburg, Tanya Hardy-Menard, Derrice Jordan, Joan Komolafe, Bishoy Luka, Phillip Lataure, Rosamond Payne, Jacquie Phillips, Rizalina Trompeta-Wong

Faculty Emeriti

Nettie Birnbach, Sandra Fielo, Joyce Hausdorff, Ildaura Murillo-Rhode, Rosalie Rothenberg, Laura Zamora

Alphabetical Listing

SUNY Downstate has attempted to verify the accuracy of the following faculty information, as of November 2005.

Jo Ann Bradley, EdD, RMDS
Vice President for Academic Affairs

Daisy Cruz-Richman
Dean and Professor

Abaring, Gemma
*MS (SUNY Health Science Center at Brooklyn), RN, CS
Clinical Instructor*

Akinkuotu, Caroline
*MS (Hunter College), RN
Clinical Faculty*

Antoine, Patricia
*BS (SUNY Health Science Center at Brooklyn), RN
Clinical Instructor*

Arikian, Veronica
*–PhD (Virginia Commonwealth University), RN
Associate Professor*

Bailey, Nellie
*EdD (Nova Southeastern University), RN, CS
Clinical Associate Professor and
Associate Dean, Undergraduate Programs*

Boyce, Rosalind
*BS (City College), CRNA
Clinical Instructor and Clinical
Coordinator, Nurse Anesthesia Program*

Brillhart, Susan
*MS (College of New Rochelle), RN, PNP
Adjunct Faculty*

Bryant, Kellie
*DNP (Case Western Reserve University), WHNP, RNC
Associate Professor*

Bunbury, Renason
*CRNA, MS (SUNY Health Science Center at Brooklyn),
Clinical Instructor and Clinical Coordinator, Nurse Anesthesia Program*

Casapao, Luzviminda
*MA (Teachers College, Columbia University) RN
Director, Accelerated BS Program and Lecturer*

Castle, Hildred
*MS (SUNY Health Science Center at Brooklyn), RN, FNP
Clinical Faculty*

Cinque, Simone
*MS (SUNY Health Science Center at Brooklyn), RN, CNM
Clinical Faculty*

Clifton, Margaret
*MS (Adelphi University), RN
Lecturer and Director, Learning Resource Center*

Cohen, Linda
*MS (SUNY Health Science Center at Brooklyn), RN, CS
Clinical Instructor*

Cruz-Richman, Daisy
*PhD (New School for Social Research), RN
Dean and Professor*

Fairweather, Tania
*MS (SUNY Health Science Center at Brooklyn), RN
Clinical Faculty*

Germain, Mary
*EdD (Teachers College, Columbia University), RN, CS, ANP
Associate Professor*

Germain, Therese
*MS (SUNY Health Science Center at Brooklyn), RN, CNM
Clinical Faculty*

Giordano, Nancy
*EdD (Teachers College, Columbia University), RN, NP
Clinical Associate Professor and
Director, Nurse Practitioner Program*

Groyzburg, Yuliya
*MS (SUNY Health Science Center at Brooklyn), RN, CNM
Clinical Faculty*

Guillaume, Elizabeth
*MA (Brooklyn College), CRNA
Clinical Assistant Professor and
Associate Director, Nurse Anesthesia Program*

Hardy-Menard, Tanya
*MS (Malloy College), RN, NP
Adjunct Faculty*

Hiscox, Pamela
*PhD (New York University), RN
Associate Professor*

Jackson, Margaret
*MA (Teacher's College Columbia University), RN
Clinical Assistant Professor*

Jennas, Joseph
*CRNA, MS (SUNY Health Science Center at Brooklyn)
Clinical Assistant Professor and
Director, Nurse Anesthesia Program*

Jordan, Derrice
*MS (SUNY Health Science Center at Brooklyn), RN, FNP
Clinical Faculty*

Kitchener, Barbara
*MA (New York University), RN
Lecturer*

Kizilay, Patricia
*EdD (University of Georgia), RN, FNP
Associate Professor*

Komolafe, Joan
*PhD (Central Michigan University), RN
Adjunct Faculty*

Lataure, Phillip
*MD (University of Health Sciences, Antigua)
Adjunct Faculty*

Lewis, Edna
*MS (SUNY Health Science Center at Stony Brook), RN, CCRN, CS
Clinical Assistant Professor and
Director, Continuing Education*

Luka, Bishoy
*PharmD (Long Island University)
Adjunct Faculty*

Margalit, Cynthia
*MS (Central Michigan University), RN
Clinical Instructor*

Marshall, Sarah
MS (Molloy College), RN, CS
Clinical Instructor

McHugh, Jean
MS (Hunter College), RN, CS
Clinical Instructor

Nathan, Yvonne
EdD (Teachers College, Columbia University), RN
Assistant Professor and
Director, RN/BS Program

Patterson-Johnson, Jacqueline
EdD (Nova Southeastern University), RN, FNP
Clinical Assistant Professor

Payne, Rosamond
MS (SUNY Health Science Center at Brooklyn), RN, CS, FNP
Clinical Faculty

Phillips, Jaquie
MS (Long Island University), RN
Clinical Faculty

Phillips-Harding, Kathy
MS (SUNY Health Science Center at Brooklyn), RN, CS
Clinical Instructor

Powderly, Kathleen
PhD (Columbia University), RN, CNM
Clinical Assistant Professor

Rivera, Reynaldo
M Ed (Teacher's College, Columbia University), RN, CCRN, ANP
Clinical Assistant Professor

Salak, Kathleen
MS (SUNY Health Science Center at Brooklyn), RN, FNP
Clinical Instructor

Sedhom, Laila
PhD, (New York University), RN
Professor and
Associate Dean Graduate Programs

Siegel, Annette
MS (University of California at Los Angeles), RN
Assistant Professor

Trompeta-Wong, Rizalina
MS (SUNY Health Science Center at Brooklyn), RN, FNP
Adjunct Faculty

Woods, Dianne Forbes
MA (New York University), RN
Clinical Assistant Professor

Yeung, Anny
MPA (Long Island University), RN
Clinical Assistant Professor

Yomtov, Maria
MS (SUNY Health Science Center at Brooklyn), RN, CS
Clinical Instructor

Zang, Sheryl
EdD (Nova Southeastern University), RN, FNP
Clinical Associate Professor

EMERITUS FACULTY

Birnbach, Nettie
EdD (Teachers College, Columbia University), RN
Professor Emeritus

Fielo, Sandra
EdD (Teachers College, Columbia University), RNC
Professor Emeritus

Hausdorff, Joyce
EdD (Teachers College, Columbia University), RN
Associate Professor Emeritus

Murillo-Rhode, Ildaura
EdD (New York University), RN, FAAN
Professor Emeritus

Rothenberg, Rosalie
EdD (Teachers College, Columbia University), RN
Professor Emeritus

Zamora, Laura
MA (New York University), RN
Assistant Professor Emeritus

State University of New York Downstate Medical Center (Health Science Center at Brooklyn)

SUNY DOWNSTATE MEDICAL CENTER

450 Clarkson Avenue
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- College of Nursing
- College of Health Related Professions
- College of Medicine
- School of Graduate Studies

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In addition to the Bulletin, students should refer to the annually produced *Student Handbook*, course guides, financial aid pamphlets, and other information provided by the Office of Student Affairs.

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EDUCATIONAL RIGHTS*

The Family Educational Rights and Privacy Act of 1974 protects the rights of students to inspect and review certain educational records and prohibits the nonconsensual release of personally identifiable information from such records which is not "directory information." Students currently enrolled at Downstate may object to the release of certain categories of directory information pertaining to them by providing written notification to the Dean's Office of their college within 14 days following the first day of classes. The categories of directory information at Downstate are:

- Name, campus and home address, telephone numbers, dates of attendance
- Previous institutions, major field of study, degrees conferred
- Past and present participation in sports activities, physical dimensions (height, weight), date and place of birth

The failure of any student to object specifically to the release of certain or all categories of directory information within the time indicated is interpreted as approval.

EDUCATION LAW

224-a. Students unable because of religious beliefs to attend classes on certain days.

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 is unable, because of his religious beliefs, to attend classes or to participate in an 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 his 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 study or work requirements.
3. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school because of his religious beliefs an equivalent opportunity to make up an examination, study, or work requirements that he 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 said student such equivalent opportunity.
4. If classes, examinations, study, or work requirements are held on Friday after 4:00 p.m. or on Saturday, similar or makeup classes, examination, 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 the administration of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of his availing himself of the provision 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 the supreme court of the country in which such institution of higher education is located for the enforcement of rights under this section.

* See the Student Handbook for a full description of student rights.

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SUNY Downstate reserves the right to alter the existing rules and regulations, and academic programs, as deemed necessary by the institution. SUNY Downstate expressly reserves the right, whenever deemed advisable: (1) to change or modify its schedule of tuition and fees; (2) to withdraw, cancel, or reschedule, or modify any course, program of study, degree or any requirement or policy in connection with the foregoing; and (3) to change or modify any academic or other policy.

Essential changes of information in this Bulletin concerning new academic regulations, policies, or programs will be published in newsletters or other University publications. It is the responsibility of each student to ascertain current information that pertains to the individual's program, particularly with regard to satisfaction of degree requirements by consultation with the student's advisor, the student's program, the office of the student's dean, the Office of Student Affairs, the Registrar's Office, and other offices as appropriate. In preparing this Bulletin, every effort has been made to provide pertinent and accurate information; however, SUNY Downstate Medical Center assumes no liability for Bulletin errors or omissions.



SUNY Downstate Medical Center

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