

Nursing

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PROGRAMS:

Nursing/AAS
 Nursing/BS

FACULTY:

Professors: Cavendish, Richardson
Assoc Profs: Greene, Lynch, Okumakpeyi, Zucker
Asst Profs: Keane, Konecny, McGuinn, McManus

Associate in Applied Science in NURSING

The Nursing program, accredited by the National League for Nursing Accrediting Commission and the New York State Education Department, prepares students to become members of the health team in health service agencies, clinics, community and long-term care agencies and hospitals. In addition to academic course work in the classroom, skills are practiced in the college laboratory and health care facilities. Adjunct faculty who hold outside employment in a variety of clinical and educational settings teach approximately 60% of the clinical sections of the nursing courses. National Council Licensing Exam (NCLEX-RN) pass rates for City Tech nursing graduates exceed the mean for all similar programs in New York State.

A high school diploma, or the New York State High School Equivalency Diploma (GED), is required for admission to the College.

The Nursing program at New York City College of Technology bases its curriculum on Watson's philosophy and theory of human caring in nursing. Students learn to care for clients by providing a supportive, protective and/or corrective environment, with attention to the client's physical, emotional, socio-cultural and spiritual condition. Clients are assisted at each level of human development to move toward the fullest realization of health potential through gratification of human needs. Gerontological nursing and community-based nursing are integrated throughout the curriculum. Graduates are thus particularly well prepared for the rapidly expanding areas of nursing need.

Students accepted to the clinical phase of the Nursing program graduate with an AAS degree and are eligible to take the National Council Licensure Examination (NCLEX-RN). Candidates must be at least eighteen (18) years of age and of good moral character. Any candidate for licensure who has at any time been convicted of a crime will be referred to the executive director of the Office of Professional Discipline of New York State for assessment.

Determination of good moral character is the prerogative of the licensing board.

The most recent graduate survey results indicate that all respondents are employed in a variety of health care settings reflective of the curriculum.

Approximate Additional Costs

Annual physical examination and NYS immunization requirements*	Dependent on coverage
Hepatitis B Vaccine is recommended	Provided at no cost by CUNY
CPR Certification	\$60
Uniform with emblem, scrubs, shoes, scissors, watch, stethoscope	\$250
Professional Liability Insurance (annual)	\$20
Nursing Textbooks	\$500
Licensure Fee (NCLEX-RN)	\$335
Standardized Exams	\$200

* The College's Student Health Services Center (SHSC) may be able to provide the physical examination based upon availability of appointments. (Pearl 104, 718.260.5910)

Criteria for Admission into the Introductory Courses of the Nursing Curriculum

- A high school diploma or its equivalent (GED);
- CUNY certification in mathematics, writing and reading;
- A minimum "C" grade in high school level biology and chemistry, with a laboratory component or completion of BIO 1101/BY 101 with a minimum grade of "C."

Introductory Term Requirements

Prior to clinical nursing course work, all students must complete the 14-credit introductory sequence, with a minimum cumulative index (grade point average) of 2.5 in the following courses:

BIO 2311/BY 301.1 4 credits	Anatomy and Physiology 1
PSY 1101/PS 101 3 credits	Introduction to Psychology
ENG 1101/EG 101 3 credits	English Composition 1
MAT 1275/MA 275 or higher 4 credits	Introduction to Mathematical Analysis

Students may repeat only one of the introductory courses in order to meet the 2.5 grade point average needed for admission to the first semester nursing courses.

Students must have an overall grade point average of 2.5 to be admitted to the first semester nursing courses. A student must have a minimum grade of "C" in each of the introductory courses with a minimum 2.5 grade point average in the 14-credit introductory course sequence.

While the standard in the introductory sequence is the minimum standard for consideration of advancement to the clinical phase of the program, it does not guarantee progression into the clinical phase.

The stronger the group of applicants in any given semester, the higher will be the index needed in the introductory sequence for consideration of advancement to the clinical phase of the program. Because of capacity limitations, students who have completed the introductory phase with the minimum 2.5 index or higher will be numerically ranked each semester and seats will be allocated on the basis of the highest cumulative average in the introductory sequence, as space permits.

All introductory students are required to take the National League for Nursing (NLN-RN) Pre-Assessment examination or the equivalent during the introductory semester to be used as an additional criteria for admission. They must submit written applications that include the NLN-RN Pre-Assessment examination directly to the Department of Nursing.

Prior to the first clinical laboratory experience, students must present proof of professional liability insurance coverage, CPR certification and a physical examination, which must be updated annually to meet health care facility and nursing department requirements.

Progression in Nursing

Once the student is admitted to NUR courses, the following policies will be in effect:

A minimum grade of "C" in each course designated with the prefix NUR (NUR 1010/NU 101.1, NUR 1030/NU 103, NUR 1110/NU 215, NUR 1130/NU 216, NUR 2110/NU 315, NUR 2130/NU 317, NUR 2210/NU 416, NUR 2230/NU 417) and BIO/BY (BIO 2312/BY 301.2, BIO 3302/BY302) is required.

Requirements for Passing Each Nursing Course:

- A grade of satisfactory "S" in the clinical component.
- The National League for Nursing Achievement Examination or the equivalent.
- Six hours of community service per semester.

Prior to the first clinical experience each semester, students must demonstrate competency in Med-Math to be certified as safe to administer medications in the clinical area.

For students repeating NUR 1030/NU 103 only, 10% of allocated seats will be given to repeaters. Priority selection will be based on course numerical grade achieved in NUR 1030/NU 103.

The student may repeat only two nursing courses with a clinical component (NUR 1030/NU 103, NUR 1110/NU 215, NUR 1130/NU 216, NUR 2110/NU 315, NUR 2130/NU 317, NUR 2210/NU 416, NUR 2230/NU 417). A committee of nursing faculty will review requests for waiver of this policy.

All NUR courses must be passed on the second registration.

On the second registration attempt for a clinical nursing course, the student will be considered for registration based on space availability. Priority selection will be based on course numerical grade achieved in the course being repeated.

NUR 2210/NU 416 and NUR 2230/NU 417 students are required to take the NCLEX-RN Program, including the CNAT and HESI Exit Exams.

Students are expected to adhere to policies as outlined in the NYCCT catalog, the NYCCT student handbook, and the Department of Nursing student handbook.

Grading policy for all courses designated with the prefix NUR

Definition	Grade	Points (Index)
93-100%	A	4.0
90-92.9%	A-	3.7
87-89.9%	B+	3.3
83-86.9%	B	3.0
80-82.9%	B-	2.7
77-79.9%	C+	2.3
70-76.9%	C	2.0
60-69.9%	D	1.0
Below 60	F	0.0

A grade of "C" is the minimum passing grade for Nursing (NUR) courses. Students must repeat any nursing courses in which they receive a "D" or "F" in the theory component and/or an unsatisfactory grade in the clinical component (subject to the limits on repetition of NUR courses listed above).

Transfer into the Nursing Curriculum

Students who wish to transfer into the nursing curriculum from other College curricula must have completed the criteria for placement in the nursing curriculum and introductory term. To be eligible for admission into the Nursing program, transfer students from other colleges must be in good academic standing, not on academic probation, not academically or administratively dismissed, and not barred from continuing enrollment in the Nursing program at previous college(s). Transfer students from other colleges must be registered at New York City College of Technology for at least one semester prior to being ranked for entry into the clinical nursing courses. They must meet the criteria for admission into the nursing curriculum and introductory semester, and must earn a 2.5 or higher cumulative index in the introductory course sequence to be considered for progression into the clinical program. Students will be numerically ranked for advancement into the clinical phase of the program, as space permits. Any introductory course completed at another college must have a letter grade for computation of index. To receive transfer credit for the required sciences, students must have completed Anatomy and Physiology, and Microbiology within five (5) years of their acceptance to the clinical phase of the Nursing program.

Readmission to Nursing

Students who have not registered for nursing courses for two consecutive semesters will be readmitted to nursing on a space-available basis and the achievement of a minimum grade of 75% on a comprehensive nursing examination of previously completed nursing course work.

Graduation from the Nursing Program

A minimum cumulative grade point average of 2.0 in the required 67 credits is necessary for graduation from the Nursing program. The clinical nursing courses must be completed within five (5) years.

Accreditation

National League for Nursing Accrediting Commission (NLNAC),
61 Broadway-33rd Floor, New York, NY 10006, Telephone:
212.363.5555 x153; Fax: 212.812.0390; email: www.nlnac.org

New York State Education Department, Professional Education
Program Review, 89 Washington Avenue-2nd Floor West Wing,
Albany, NY 12234, Telephone: 518.486.2967; Fax: 518.473.8577;
email: opprogs@mail.NYSED.GOV

NURSING DEPARTMENT REQUIREMENTS

The College will grant an associate in applied science (AAS) degree with a major in nursing upon satisfactory completion of the required 67 credits listed below.

REQUIRED COURSES IN THE MAJOR

	Credits
NUR 1010/NU 101.1 Medication Calculations in Nursing	1
NUR 1030/NU 103 Foundations of Caring	6
NUR 1110/NU 215 Caring for Clients with Common Alterations in Functional Needs	5
NUR 1130/NU 216 Caring for Clients with Common Alterations in Survival Needs	5
NUR 2110/NU 315 Caring for Clients with Complex Alterations in Survival and Functional Needs	5
NUR 2130/NU 317 Caring for Clients with Alterations in Integrative Needs	4
NUR 2210/NU 416 Caring for Clients with Chronic Alterations in Human Needs	5
NUR 2230/NU 417 Caring for Clients and Families with Growth Seeking Needs	5
Subtotal	36

OTHER REQUIRED COURSES

BIO 2311/BY 301.1 ¹ Anatomy and Physiology I	4
BIO 2312/BY 301.2 Anatomy and Physiology II	4
BIO 3302/BY 302 Microbiology	4
ENG 1101/EG 101 English Composition	3
ENG 1121/EG 121 English Composition II	3
MAT 1275/MA 275 ² or higher Introduction to Mathematical Analysis	4
PSY 1101/PS 101 Introduction to Psychology	3
PSY 2301/PS 301 Child Psychology	3
SOC 1101/SO 101 Elements of Sociology	3
Subtotal	31

TOTALS CREDITS REQUIRED FOR THE DEGREE**67**

¹ Students without the requisite science background for BIO 2311/BY 301.1 may have to take BIO 1101/BY 101 in preparation. This will increase the total number of credits required for the degree by four (4).

² Students without the requisite math background for MAT 1275/MA 275 may have to take MAT 1175/MA 175 in preparation. This will increase the total number of credits required for the degree by four (4).

CURRICULUM PLAN**Credits****FIRST YEAR****First Semester or Introductory Term**

BIO 2311/BY 301.1 Anatomy and Physiology I ² (core) ¹	4
ENG 1101/EG 101 English Composition ² (core) ¹	3
PSY 1101/PS 101 Introduction to Psychology ² (core) ¹	3
MAT 1275/MA 275 or higher Introduction to Mathematical Analysis ² (core) ¹	4
Subtotal	14

Second Semester or Term

NUR 1010/NU 101.1 Medication Calculations in Nursing	1
NUR 1030/NU 103 Foundations of Caring	6
BIO 2312/BY 301.2 Anatomy and Physiology II	4
PSY 1101/PS 101 Child Psychology (core) ¹	3
Subtotal	14

SECOND YEAR**First Semester or Term**

NUR 1110/NU 215 Caring for Clients with Common Alterations in Functional Needs	5
NUR 1130/NU 216 Caring for Clients with Common Alterations in Survival Needs	5
BIO 3302/BY 302 Microbiology	4
Subtotal	14

Second Semester or Term

NUR 2110/NU 315 Caring for Clients with Complex Alterations in Survival and Functional Needs	5
NUR 2130/NU 317 Caring for Clients with Alterations in Integrative Needs	4
ENG 1121/EG 121 English Composition II (core) ¹	3
Subtotal	12

THIRD YEAR**First Semester or Term**

NUR 2210/NU 416 Caring for Clients with Chronic Alterations in Human Needs	5
NUR 2230/NU 417 Caring for Clients and Families with Growth Seeking Needs	5
SOC 1101/SO 101 Elements of Sociology	3
Subtotal	13

TOTAL CREDITS REQUIRED FOR THE DEGREE**67**

¹ See page 34 for detailed explanation of core required courses and categories.

² These courses must be completed successfully before taking any nursing courses. Computer literacy is required for graduation. MS 101 can fulfill this requirement. Other alternatives are available through the College Learning Center.

Note: NU courses require permission of the department for registration.

Bachelor of Science in Nursing

This Bachelor of Science (BS) in Nursing degree program provides associate degree and diploma prepared registered professional nurses with the education and skills necessary to become leaders and managers in a variety of health care settings. Baccalaureate prepared nurses are integral collaborative members to diverse interdisciplinary health care teams.

The baccalaureate in nursing curriculum will prepare the nurses as generalists and experiences will be available across the life span. This flexible upper-level program will provide didactic and clinical courses on one day to meet the needs of surveyed RN students. In addition to academic course work in the classroom, students will practice physical assessment skills in a college laboratory setting. Select clinical agencies will afford the student dynamic learning opportunities to expand their knowledge base in leadership, community health, and in urban health issues.

Nurses entering the program with an associate degree in nursing from a credit-granting institution may have up to 60 credits transferred toward the 120-credit BS degree. Nurses seeking entrance to the program with a diploma or from an institution where college credit has not been granted will be required to take the Nursing Acceleration Challenge Exams (ACE) II RN to BS (NLN ACE II Examinations) for acceptance of previous nursing courses.

The rapid expansion of information technology and the computer resources at New York City College of Technology will facilitate the faculty's ability to offer a proportion of the proposed curriculum in a hybrid format. A proportion of classes will be on campus and on-line. Upon completion of the program, nurses will have the foundation for both graduate studies and advanced practice nursing roles.

Admission Criteria

Applicants for a bachelor of science degree with a major in nursing must be graduates of a degree-granting college or a diploma-granting nursing school that prepares students for licensure as Registered Professional Nurses.

Graduates from degree-granting associate degree programs who are candidates for admission to the baccalaureate program in nursing at New York City College of Technology must have:

- Met the admission requirements for the College and must satisfy the CUNY Proficiency Examinations.
- Graduated from an associate degree nursing program accredited by the National League for Nursing Accreditation Commission.
- A current license in New York State as a Registered Professional Nurse or eligibility to sit for the NCLEX-RN Exam.
- A 2.5 cumulative grade point average (GPA) on a 4-point scale to be reviewed for admission. Preference will be given to applicants with a 3.0 cumulative index (GPA) or above.

Students applying to the program will be admitted based on space availability.

In addition to the above admission criteria, candidates for admission to the program who hold a diploma or an associate degree in nursing that is not from an institution granting college credit may be admitted to the program with the following requirements:

- Successful completion of the Nursing Acceleration Challenge Exams (ACE) II RN to BS (NLN ACE II Examinations formerly called the NLN Mobility Profile Exams that were used for Nursing Progression). These tests designed for RN/BS programs are \$50 each. They are paper and pencil tests that must be administered by the College. The duration of the test is 2 1/2 to 4 hours. The examinations are:
 1. ACE II – Care of the Adult Client (219 items).
 2. ACE II – Care of the Client During Childbearing and Care of the Child (203 items, two exams in one).
 3. ACE II – Care of the Client with a Mental Disorder (132 items).
- Successful completion of all pre-major requirements in the Nursing program, either by examination or by completion of the appropriate courses.

DEGREE REQUIREMENTS

Students admitted January 2006 and later must meet the degree requirements. A minimum of 120 credits is required for the BS degree. 60 credits must be in liberal arts and science courses. Nursing courses are non-liberal arts and science courses.

REQUIRED COURSES IN THE MAJOR

AAS Degree **Credits** **60**

UPPER LEVEL REQUIRED COURSES IN THE MAJOR

		Credits
NUR 3010/NU 301	Physical Assessment	3
NUR 3110/NU 311	Leadership in the Management of Client Care	5
NUR 3130/NU 313	Nursing Research	3
NUR 4010/NU 401	Community Health Nursing	5
NUR 4030/NU 403	Nursing Case Management: Process and Role	3
NUR 4050/NU 405	Nursing Elective	3
NUR 4110/NU 411	Comprehensive Client Care for Urban Health Issues	5
NUR 4130/NU 413	Professional Nursing Practice	3
Subtotal		30

OTHER REQUIRED COURSES

SPE 1330/TS 330	Effective Speaking	3
BIO 3524/BY 524	Nutrition	2
MAT 1272/MA 272	Statistics	3
BIO 3526/BY 526	Pathophysiology	3
PSY 2404/PS 404	Personnel and Organizational Psychology	3
Subtotal		14

SELECT ELECTIVE COURSES

One approved elective course must be taken in each category. Three elective courses must be taken before beginning the fourth semester curriculum plan that includes NUR 4110 and NUR 4130.

Science Electives (CHEM/CH, PHYS/SC) 4

CHEM 1110/CH 110*	General Chemistry I
CHEM 1210/CH 210	General Chemistry II
PHYS 1433/SC 433	Physics 1.2

* NOTE: Students without sufficient chemistry background must take CHEM 1110/CH 110 that is a prerequisite for Pathophysiology. If CHEM 1110/CH 110 was taken and was included in the 60 lower-level transfer credits, then a 4-credit science elective must be taken.

Philosophy Electives (PHIL/PH) 3

PHIL 1103/PH 103	Ethics
PHIL 1106/PH 106	Philosophy of Technology
PHIL 2400/PH 400	Environmental Philosophy

Sociology Electives (SOC/SO) 3

SOC 1102/SO 102	Urban Sociology
SOC 1103/SO 103	The Family
SOC 2201/SO 201	Sociology of Aging

Humanities Electives (ARTH/MUS/HU) 3

ARTH 1102/HU 102	History of Art: Renaissance to Modern
ARTH 1104/HU 104	Art of the United States
MUS 1201/HU 201	Musical Concepts: A Guide to Listening
MUS 1211/HU 211	Music of Latin America

English Electives (ENG/EG) 200-400 Level 3

ENG 2000/EG 200	Perspectives in Literature
ENG 3401/EG 401	Law Through Literature
ENG 3404/EG 404	The Literature of Illness and Care

Subtotal 16**TOTAL CREDITS FOR THE DEGREE 120****CURRICULUM PLAN****Credits****THIRD YEAR****First Semester or Term****Science Elective-Upper division* 4**

SPE 1330/TS 330	Effective Speaking	3
NUR 3010/NU 301	Physical Assessment	3
BIO 3524/BY 524	Nutrition	2
MAT 1272/MA 272	Statistics	3
Subtotal		15

Second Semester or Term**Philosophy (PH) Elective 3**

NUR 3110/NU 311	Leadership in the Management of Client Care	5
NUR 3130/NU 313	Nursing Research	3

PSY 2404/PS 404	Personnel and Organizational Psychology	3
BIO 3526/BY 526	Pathophysiology	3
Subtotal		17

FOURTH YEAR**First Semester or Term****Sociology SOC/SO Elective 3****English ENG/EG Elective 3**

NUR 4010/NU 401	Community Health Nursing	5
NUR 4030/NU 403	Nursing Case Management: Process and Role	3

Subtotal 14**Second Semester or Term****Humanities ARTH/MUS/HU Elective 3**

NUR 4050/NU 405	Nursing Elective	3
NUR 4110/NU 411	Comprehensive Client Care for Urban Health Issues	5
NUR 4130/NU 413	Professional Nursing Practice	3

Subtotal 14**Upper Division Credits 60****TOTAL CREDITS REQUIRED FOR THE DEGREE 120**

* Students without a sufficient chemistry background will be advised to take CHEM 1110/CH 110. Students who have taken 1 chemistry course must take an additional upper-division science elective (4-credit course). Please see electives approved for this major.

Progression in Nursing

- A 2.5 cumulative grade point average must be maintained.
- Students must achieve a grade of "C" on all nursing courses (NUR) and required courses in the curriculum.
- A student may repeat only one of the required nursing courses.
- Courses designated NUR must be passed on the second registration.
- A grade of satisfactory (S) in the clinical component of nursing courses (NUR 3010/NU 301, NUR 3110/NU 311, NUR 4010/NU 401, NUR 4110/NU 411) is required for passing the course.
- Only one withdrawal for academic reasons (W) from required nursing courses is permitted.
- Students required to take NLN ACE II Examinations for previous nursing credit must complete all tests with a satisfactory grade prior to enrolling in fourth semester curriculum nursing courses (NUR 4110/NU 411, NUR 4130/NU 413).

Documentation

Students enrolled in a course with clinical component (NUR 3110/NU 311, NUR 4010/NU 401, NUR 4110/NU 411) must submit the following on the first day of clinical to remain in the course:

- Current malpractice insurance;
- Current CPR certification.

Health Documentation

- A completed copy of the college health record that includes the annual physical examination.
- Required immunizations (validation of measles, mumps, rubella, varicella, and a PPD).

New York State Public Health law #2165 requires all college students born on or after January 1, 1957 and who are enrolling for six or more semester hours to show proof of immunity against measles, mumps, and rubella in order to register for courses.

Health care agencies require proof of immunity against varicella.

Note: Students are required to submit a written record of two doses of live measles vaccine; one dose of rubella vaccine; one dose of rubella vaccine; and two doses of varicella vaccine; or positive titers: a laboratory report of a blood test indicating immunity to measles, mumps, rubella and varicella.

Hepatitis B immunization is highly recommended and provided at no cost by CUNY. A student must sign a waiver if they elect not to have the Hepatitis B immunization.

Any immunizations required must be completed a minimum of 30 days prior to the beginning of a clinical experience.

Students who do not submit immunization documentation or who partially comply with the immunization requirements will not be permitted to attend the clinical component of the nursing theory course.

Suggested time for completion

Full-time students can complete the degree requirements in two years.

Part-time students are expected to complete the requirements for the degree in five years.

Transfer into the Nursing Curriculum

- Transfer students are required to follow college policies.
- The request to transfer non-CUNY nursing credits will be evaluated on an individual basis by a nursing department faculty advisor.

CUNY Articulation Policy

In nursing, current formal CUNY AAS articulation agreements are in effect with Kingsborough Community College, LaGuardia Community College, Borough of Manhattan Community College and Queensborough Community College.

Add/Drop Courses

A student dropping corequisites of a nursing course will also be required to drop the applicable nursing course.

Readmission to Nursing

The names of candidates who seek readmission to the BS program in nursing will be submitted to the Nursing department by the Office of the Registrar. An Ad Hoc Baccalaureate Program Readmission Committee will conduct a review of the candidate's academic record and submit a decision to the Office of the Registrar.

Students applying for re-admission to the program will be admitted based on decision of the Readmission Committee, and on space availability.

Transportation, Uniforms and Equipment

All students must provide their own transportation for laboratories, field trips and community health assignments. They must also provide their own uniforms if required, and equipment for clinical assignments. Professional attire and roles will be specified for each clinical course by the clinical professor in collaboration with agency liaison personnel.

Graduation from the BS Degree Nursing Program

- A current New York State license as a registered professional nurse.

- A minimum 2.0 cumulative grade point average in the required 120 credits is necessary for graduation from the nursing program per the College policy.
- Satisfactory scores on all NLN ACE II tests for transfer of prior nursing course credits (diploma program/non-college granting AAS graduates).

Accreditation

This nursing education program is a candidate for accreditation by the National League for Nursing Accrediting Commission (NLNAC).

COURSES:

NUR 1010/NU 101.1 Medication Calculations in Nursing

1 cl hr, 1 cr

This course introduces the student to measurement systems and dosage problems for selected routes of drug administration. Emphasizes the application of basic mathematical operations needed for solving dosage calculation problems.

Prerequisites: BIO 2311/BY 301.1, PSY 1101/PS 101, ENG 1101/EG 101 and MAT 1275/MA 275 or higher; corequisites: BIO 2312/BY 301.2, PSY 2301/PS 301, NUR 1030/NU 103

NUR 1030/NU 103 Foundations of Caring

4 cl hrs, 6 lab hrs, 6 cr

Using the framework of Watson's caring model, this course introduces the student to nursing practice. Emphasis is on learning how the nursing process can be used to meet the client's human needs, primarily survival and functional needs.

Students learn consideration of the client's social, cultural and spiritual values within the health-illness-healing experience. In the laboratory, students develop the technical skills needed for client care in community, long-term and acute settings.

Prerequisites: BIO 2311/BY 301.1, PSY 1101/PS 101, ENG 1101/EG 101 and MAT 1275/MA 275 or higher; corequisites: BIO 2312/BY 301.2, PSY 2301/PS 301, NUR 1010/NU 101.1

NUR 1110/NU 215 Caring for Clients with Common Alterations in Functional Needs

3 cl hrs, 6 lab hrs, 5 cr

This course builds on the knowledge and skills attained by the students in the previous nursing course Foundations of Caring. Using Watson's caring model, the student learns to apply the nursing process in acute-care settings to meet the needs of clients experiencing common alterations in human functional needs. Theory

includes conditions that interfere with integument, mobility, sensory, endocrine functioning and urinary elimination in various age groups.

Prerequisites: BIO 2312/BY 301.2, PSY 2301/PS 301, NUR 1010/NU 101.1, NUR 1030/NU 103; corequisites: BIO 3302/BY 302, NUR 1130/NU 216

NUR 1130/NU 216 Caring for Clients with Common Alterations in Survival Needs

3 cl hrs, 6 lab hrs, 5 cr

This course builds on the knowledge and skills attained in the previous nursing course Foundations of Caring. Using Watson's caring model, the student learns to apply the nursing process in acute care settings to meet the needs of clients experiencing common alterations in human survival needs. Theory includes conditions that interfere with fluid and electrolyte balance, nutrition and oxygenation in various age groups.

Prerequisites: BIO 2312/BY 301.2, PSY 2301/PS 301, NUR 1010/NU 101.1, NUR 1030/NU 103; corequisites: BIO 3302/BY 302, NUR 1110/NU 215

NUR 2110/NU 315 Caring for Clients with Complex Alterations in Survival and Functional Needs

3 cl hrs, 6 lab hrs, 5 cr

In this course, the student learns to use Watson's caring model to meet the needs of clients in various age groups with altered cell growth (cancer), complex alterations in nutrition and oxygenation, and the neurological alterations. Focus is on the use of the nursing process to help with decision-making in the care of selected clients and families in acute-care settings. Students learn the role of the community-based nurse in the preventative management of complex alterations.

Prerequisites: BIO 3302/BY 302, NUR 1110/NU 215, NUR 1130/NU 216; corequisite: NUR 2130/NU 317

NUR 2130/NU 317
Caring for Clients with Alterations in Integrative Needs

2 cl hrs, 6 lab hrs, 4 cr

In this course, the student continues to use the framework of Watson's caring model to study and care for clients with alterations in integrative needs. Emphasis is on applying the nursing process to the care of clients with affective, thought, anxiety, personality, and addictive disorders and children with adjustment disorders. The student will integrate mental health concepts, principles of human relationships and interpersonal skills in caring for selected clients in a therapeutic environment.

Prerequisites: BIO 3302/IBY 302, NUR 1110/INU 215, NUR 1130/INU 216; *corequisite:* NUR 2110/INU 315

NUR 2250/NU 350
Trends in Nursing

3 cl hrs, 3 cr

Designed to give students an understanding of the nursing profession today as it relates to history, education, professional roles and the health care system. Selected concepts that contribute to the foundation of professional nursing are discussed. Examines the nurse's present day professional expectations and accompanying changes in responsibilities, accountability for practice, and ethical and legal considerations. *Prerequisites:* NUR 1110/INU 215, NUR 1130/INU 216

NUR 2210/NU 416
Caring for Clients with Chronic Alterations in Human Needs

3 cl hrs, 6 lab hrs, 5 cr

In this course, the student continues to use the framework of Watson's caring model to meet the needs of clients in various age groups with chronic alterations in nutrition, bowel elimination, urinary elimination, sensory/motor functioning, oxygenation, tissue perfusion, and immune responses. Focus is on the application of the nursing process to manage the care of clients and groups of clients in acute care, long-term care, and community health settings. *Prerequisites:* NUR 2110/INU 315, NUR 2130/INU 317

NUR 2230/NU 417
Caring for Clients and Families with Growth Seeking Needs

3 cl hrs, 6 lab hrs, 5 cr

In this course the student continues to use the framework of Watson's caring model in meeting the growth

seeking needs of childbearing clients and their growing families. Emphasis is on family centered health care and health teaching of childbearing clients and families in ambulatory and inpatient care settings. Students use the nursing process to organize care for clients with alterations in growth seeking needs.

Prerequisites: NUR 2110/INU 315, NUR 2130/INU 317

NUR 3010/NU 301
Physical Assessment

2 cl hrs, 2 lab hrs, 3 cr

Health assessment skills and techniques for the conduct of a comprehensive health history and physical exam are developed for generalist nursing practice. Students critically analyze interview data and assessment findings that relate to the specific needs of individuals concerning age and culture. The normal parameters of health are used to compare and contrast the findings. Discussions will include health screening across the life span and associated health promotion practices as recommended by Healthy People 2010.

Prerequisites: NUR 2230/INU 417, approval of BS program coordinator

NUR 3110/NU 311
Leadership in the Management of Patient Care

2.5 cl hrs, 5 lab hrs, 5 cr

This course introduces the student to concepts of leadership and management for application in practice settings. Theories relating to nursing, culture, change, motivation, organization and management are explored. Principles of time management, leadership styles, budgeting, staffing patterns, personnel evaluations, delegation, and the steps of discipline, and JCAHO accreditation criteria will be discussed and analyzed across diverse practice settings. In clinical, student/nurse manager dyads provide students with a vantage point to observe the nurse manager role, responsibilities, and associated demonstrated interventions that effect positive client outcomes, staff satisfaction and professional growth. *Pre- or corequisites:* NUR 3010/INU 301

NUR 3130/NU 313
Nursing Research

3cl hrs, 3 cr

Students will develop skills to critically read, analyze, and use knowledge gained from reported research findings for evidence-based practice. The steps of the research process are presented which provide the framework for critiquing research studies that used both qualitative and quantitative methods. Students conduct a review of

the nursing literature and critique a selection of nursing research articles that focus on clinical nursing research. Students formulate a research problem and apply the elements of the research process in a hypothetical study. The ethical issues involved in nursing research, theoretical frameworks for nursing research, and the nurse's role as a member of a research team to forward research dissemination are discussed.

Pre- or corequisites: MAT 1272/IMA 272, NUR 2230/INU 417

NUR 4010/NU 401
Community Health

2.5 cl hr, 5 lab hrs, 5 cr

This course builds upon the student's knowledge of nursing and provides the requisites for practice as a community health nurse. The focus is on health promotion, prevention and maintenance of health, which is the core of community-based care. Selected concepts such as evidence-based care that contribute to the foundation of community-based nursing will be discussed. The course will examine historical perspectives, the value of community health, the nurse's present day professional expectations and accompanying changes in responsibilities, accountability for practice, and ethical and transcultural considerations. The curriculum will focus on specific contemporary community health issues including homelessness, communicable diseases, mental health and preparedness for bioterrorism. *Prerequisites:* NUR 3010/INU 301, BIO 3524/IBY 524

NUR 4030/NU 403
Nursing Case Management: Role and Process

3 cl hrs, 3 cr

This course focuses on innovative, integrated nursing case and care management models within the context of assessment, planning, implementation, collaboration, negotiation, and evaluation. The critical competencies and strategies in managing risk and legal liabilities, seeking and obtaining physician support, coordination of services across placement settings, and client and caregiver education are discussed. An emphasis will be on teaching-learning principles and strategies effective in the management of care for diverse populations in urban settings. Students will discuss functions and issues in evolving role demands, opportunities, and responsibilities of the nurse case manager.

Prerequisites: NUR 3010/INU 301, NUR 3110/INU 311, NUR 3130/INU

313, BIO 3524/IBY 524; *corequisite:* PSY 2404/IPS 404, NUR 4010/INU 401

NUR 4050/NU 405
Nursing Elective: Family Centered End-of-Life Care Across the Life Span

3 cl hrs, 3 cr

This course explores nurses' involvement in family centered end-of-life care. How a health care team approach can address the myriad needs facing individuals and their families at this time of life are discussed. Principles of hospice and palliative care will be used as a guide for this curriculum. Factors involved in expert nursing care which have the potential to greatly reduce the burden and distress of those facing life's end and the ability to offer support for the physical, psychological, social, and spiritual needs of patients and their families are presented. *Pre- or corequisites:* NUR 3010/INU 301, NUR 3110/INU 311, NUR 3130/INU 313, approval of BS program coordinator

NUR 4110/NU 411
Comprehensive Client Care for Urban Health Issues

2.5 cl hr, 5 lab hrs, 5 cr

This course builds upon the students' knowledge of nursing, biological and social sciences, and information technology for assuming nursing roles in health care of culturally diverse clients in urban settings. The curriculum will include global health issues as they relate to such areas as disease transmission, health policy, the adequacy of services provided, and strategies to enhance access to care. The economics and political implications for care in urban settings are discussed. Students will examine political forces and proactive nursing responses that forward health promotion and prevention interventions in urban settings.

Pre- or corequisites: NUR 4030/INU 403

NUR 4130/NU 413
Professional Nursing Practice

3 cl hrs, 3 cr

A variety of professional, historical, theoretical, ethical, and health-related issues relevant to contemporary nursing are discussed. Students will use a variety of professional tools such as in-class forums to debate relevant health care issues, the resume, a portfolio, and template for a project proposal for enhancement of professional development.

Prerequisites: NUR 3010/INU 301, NUR 3110/INU 311, NUR 3130/INU 313