

# Nursing

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**PROGRAMS:**

Nursing/AAS  
Nursing/BS

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**FACULTY:**

**Professor: Richardson**  
**Associate Professors: Dato, Greene, Konecny, Lynch, Okumakpeyi, Rafferty**  
**Assistant Professors: Cholewka, Egues, Falk, Keane, Kontzamanis, Leinung, McGibbon, McGuinn, McManus, Rivera, Waddy**  
**Lecturer: Dopwell**

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**Accreditation**

The Associate in Applied Science and the Bachelor in Science Programs are accredited by the National League for Nursing Accrediting Commission and registered with the New York State Education Department.

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

New York State Education Department, The University of the State of New York, Professional Education Program Review, 89 Washington Avenue, 2nd Floor West Wing, Albany, NY 12234, Telephone: 518.486.2967; Fax: 518.473.0114; email: opprogs@mail.NYSED.GOV

**AMERICANS WITH DISABILITIES ACT**

If you have a physical, psychological, medical or learning disability that may impact on your ability to carry out assigned course work, contact the staff in the Student Support Services office (SSS), Room A 237, 718.260.5143. SSS will review your concerns and determine with you what accommodations are necessary and appropriate. All information and documentation of disability are confidential.

**NEW YORK CITY COLLEGE OF TECHNOLOGY POLICY ON ACADEMIC INTEGRITY**

Students and all others who work with information, ideas, texts, images, music, inventions, and other intellectual property owe their audience and sources accuracy and honesty in using, crediting, and citing sources. As a community of intellectual and professional workers, the College recognizes its responsibility for providing

instruction in information literacy and academic integrity, offering models of good practice, and responding vigilantly and appropriately to infractions of academic integrity. Accordingly, academic dishonesty is prohibited in The City University of New York and at New York City College of Technology and is punishable by penalties, including failing grades, suspension, and expulsion. The complete text of the College policy on Academic Integrity may be found in the catalog.

**CUNY RESIDENCY POLICY FOR ADMISSION INTO NURSING PROGRAMS**

Starting in the fall 2009 semester, all CUNY nursing departments will require applicants for admission into nursing clinicals to provide documentation in one of the following categories:

- 1) U.S. Citizenship;
- 2) Permanent Residency;
- 3) International Student with F1 Status;
- 4) Granted Asylum, Refugee Status, Temporary Protected Status, Withholding of Removal, Deferred Enforced Departure or Deferred Action Status by the U.S. government.

Students who are unsure of their status, or for assistance, contact the CUNY Citizenship Immigration Project office at CityTech, Namm Hall, room N 621A.

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## Associate in Applied Science in NURSING

The Nursing program 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 coursework 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.

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. Technology is infused into the curriculum through clinical laboratory simulation and Blackboard enhancement of all NUR courses. Graduates are thus particularly well prepared for the rapidly expanding areas of nursing need and the most recent graduate survey results indicate that all respondents are employed in a variety of health care settings reflective of the curriculum.

**Program Outcomes:**

- Incorporate knowledge and skills gained from the communication arts, information technology and the social and biological sciences into nursing practice.
- Utilize the caring model to safely meet the health needs of clients of all ages in a variety of settings.
- Apply the nursing process as a creative problem solving approach in the delivery of client-centered care to culturally diverse clients.
- Incorporate evidence-based practice using critical thinking in decision-making situations when caring for clients.
- Incorporate effective communication in interactions with clients, families, significant others and health care providers.
- Implement client/family health teaching along the health-illness-healing continuum.
- Collaborate with clients, families, significant others and health care providers in creating a protective, supportive and/or corrective environment for clients.
- Incorporate legal and ethical principles into safe nursing practice.
- Demonstrate accountability by utilizing quality improvement concepts in the management of care.
- Function as a client advocate in the health care system.
- Continue life long learning activities and professional development.
- Maintain involvement in community-based service.

**REGISTERED NURSE LICENSURE**

A license to practice as a registered professional nurse in New York State is granted to graduates of nursing programs approved by the State Education Department who are at least eighteen years old, are of good moral character\*, and have passed the licensing examination of the State Board of Nursing. Graduates are eligible to take the licensing examination at any time following graduation.

*\*Part 28, DETERMINATION OF GOOD MORAL CHARACTER IN THE PROFESSIONS*

*Section 28. 1 Determination of Good Moral Character.*

*The determination of whether an applicant for authorization to practice a profession, under title VIII of the Education Law, is of good moral character shall be made in accordance with the procedures specified in this part.*

*Section 28. 2 Information*

*All information indicating that an applicant has been convicted of a crime, or has committed an act of which raises a reasonable question as to the applicant's moral character shall be referred to the executive director of the Office of Professional Discipline or his or her designee.*

*Nursing Handbook*

*The University of the State of New York*

*The State Education Department*

*Division of Professional Licensing Services*

*Cultural Education Center*

*Albany, New York 12230*

*c 1992 p. 44*

**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 with AED	\$65
Uniform with emblem, scrubs, shoes, scissors, watch, stethoscope	\$250

Professional Liability Insurance (annual)	\$20
Nursing Textbooks	\$500
PDA with e-books	\$365
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 building, room 104, 718.260.5910)*

**Admission criteria into the Introductory Courses of the Nursing Curriculum**

- A high school diploma or its equivalent (GED);
- CUNY certification in mathematics, writing and reading;
- Prerequisites for BIO 2311: BIO 1101 and BIO 1101L with a minimum grade of C, a college level General Biology Course with Lab, or a score of 85 or above on the Biology Regents exam (with Lab).

**Introductory Term Requirements**

Prior to clinical nursing coursework, 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 4 credits	Anatomy and Physiology I
PSY 1101 3 credits	Introduction to Psychology
ENG 1101 3 credits	English Composition I
MAT 1275 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 in the 14-credit introductory course sequence needed for admission to the first semester nursing courses. When an introductory course grade is a D or F, the student must repeat the course and the grade on the second attempt will be counted for the introductory sequence. A student may not repeat a course in which the initial grade was a C or better. When a student has received a C or better on more than one introductory course, the student may replace only one of the introductory course grades with the grade of the next level course to raise their G.P.A. (ex. ENG 1121 for ENG 1101; BIO 2312 for BIO 2311; PSY 2301 for PSY 1101; or MAT 1272 for MAT 1275).

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. Due to the high number of applicants to the clinical phase of the nursing program in the past two years, the average G.P.A., for acceptance to the nursing program has been approximately 3.0 or higher.

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 criterion for admission. Minimum score(s) as determined by the Nursing Department will be required for admission. Students must have completed the NLN-RN exam within (5) five years of their application to the clinical phase of the Nursing Program. They must submit written applications that include the NLN-RN Pre-Assessment Examination results directly to the Department of Nursing.

Prior to the first clinical laboratory experience, at a date specified by the program, students must present proof of professional liability insurance coverage, CPR certification and a physical examination utilizing the nursing department form, 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, NUR 1030, NUR 1110, NUR 1130, NUR 2110, NUR 2130, NUR 2210, NUR 2230) and BIO (BIO 2312, BIO 3302) is required.

#### **Requirements for Passing Each Nursing Course**

- A grade of satisfactory "S" in the clinical component.
- Completion of 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 only, 10% of allocated seats will be given to repeaters. Priority selection will be based on course numerical grade achieved in NUR 1030.

The student may repeat only two nursing courses with a clinical component (NUR 1030, NUR 1110, NUR 1130, NUR 2110, NUR 2130, NUR 2210, NUR 2230). 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 and NUR 2230 students are required to participate in the NCLEX-RN Advisement Program, which includes taking the CNAT and HESI Exit Exam(s).

Students must pass the CUNY CPE (CUNY Proficiency Examination) prior to graduation.

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**

<b>Definition</b>	<b>Grade</b>	<b>Points (Index)</b>
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
75-76.9%	C	2.0
60-74.9%	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 I and II, 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 coursework.

**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.

**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.

<b>REQUIRED COURSES IN THE MAJOR</b>		<b>Credits</b>
NUR 10101	Medication Calculations in Nursing	1
NUR 1030	Foundations of Caring	6
NUR 1110	Caring for Clients with Common Alterations in Functional Needs	5
NUR 1130	Caring for Clients with Common Alterations in Survival Needs	5
NUR 2110	Caring for Clients with Complex Alterations in Survival and Functional Needs	5
NUR 2130	Caring for Clients with Alterations in Integrative Needs	4
NUR 2210	Caring for Clients with Chronic Alterations in Human Needs	5
NUR 2230	Caring for Clients and Families with Growth Seeking Needs	5
<b>Subtotal</b>		<b>36</b>
<b>ADDITIONAL REQUIRED COURSES</b>		
BIO 2311 <sup>1</sup>	Anatomy and Physiology I	4
BIO 2312	Anatomy and Physiology II	4
BIO 3302	Microbiology	4
ENG 1101	English Composition	3
ENG 1121	English Composition II	3
MAT 1275 <sup>2</sup> or higher	Introduction to Mathematical Analysis	4
PSY 1101	Introduction to Psychology	3
PSY 2301	Child Psychology	3
SOC 1101	Elements of Sociology	3
<b>Subtotal</b>		<b>31</b>
<b>TOTAL CREDITS REQUIRED FOR THE DEGREE</b>		<b>67</b>

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

<sup>2</sup> Students without the requisite math background for MAT 1275 may have to take MAT 1175 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<sup>1</sup>**

BIO 2311	Anatomy and Physiology I	4
ENG 1101	English Composition I	3
PSY 1101	Introduction to Psychology	3
MAT 1275 or higher	Introduction to Mathematical Analysis	4
<b>Subtotal</b>		<b>14</b>

**Second Semester or Term**

NUR 1010	Medication Calculations in Nursing	1
NUR 1030	Foundations of Caring (WI <sup>2</sup> )	6
BIO 2312	Anatomy and Physiology II	4
PSY 2301	Child Psychology	3
<b>Subtotal</b>		<b>14</b>

**SECOND YEAR****First Semester or Term**

NUR 1110	Caring for Clients with Common Alterations in Functional Needs	5
NUR 1130	Caring for Clients with Common Alterations in Survival Needs	5
BIO 3302	Microbiology	4
<b>Subtotal</b>		<b>14</b>

**Second Semester or Term**

NUR 2110	Caring for Clients with Complex Alterations in Survival and Functional Needs (WI <sup>2</sup> )	5
NUR 2130	Caring for Clients with Alterations in Integrative Needs	4
ENG 1121	English Composition II <sup>3</sup>	3
<b>Subtotal</b>		<b>12</b>

**THIRD YEAR****First Semester or Term**

NUR 2210	Caring for Clients with Chronic Alterations in Human Needs	5
NUR 2230	Caring for Clients and Families with Growth Seeking Needs	5
SOC 1101	Elements of Sociology	3
<b>Subtotal</b>		<b>13</b>

**TOTAL CREDITS REQUIRED FOR THE DEGREE****67**

<sup>1</sup> These courses must be completed successfully before taking any nursing courses. Computer literacy is required for graduation. A self-paced process of certification is available through the College Learning Center at no cost to the student or MST 1101 (3 credit course can be taken), in addition to the 67 credits for the AAS in Nursing.

<sup>2</sup> WI=Writing Intensive

<sup>3</sup> See page ??? for a detailed explanation of core-required courses and categories.

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

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## Bachelor of Science in NURSING

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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 of diverse interdisciplinary health care teams.

The baccalaureate in nursing curriculum prepares nurses as generalists with experiences across the life span. This flexible upper-level program provides, within a single day of the week, didactic and clinical courses to meet the needs of RN students. In addition to academic coursework in the classroom, students practice physical assessment skills in a College laboratory setting. Select clinical agencies afford students dynamic learning opportunities to expand their knowledge base in leadership, community health and urban health issues.

Nurses entering the program with an associate degree in nursing from a credit-granting institution may have up to 60 credits of course work that was required for the AAS degree transferred toward the 120-credit BS degree (additional credits will be evaluated). 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 facilitate the faculty's ability to offer the curriculum with classes on campus, on-line, and partially on-line. Upon completion of the program, nurses will have the foundation for both graduate studies and baccalaureate level nursing practice.

### Program Outcomes:

- Apply analytical reasoning and critical thinking skills in the incorporation of knowledge synthesized from nursing, humanities and the biological and social science into professional nursing practice.
- Utilize information technology to include traditional and developing methods of discovering, retrieving and using information in nursing practice.
- Effectively communicate with culturally diverse persons and disciplines in a caring manner, using a variety of strategies.
- Utilize the nursing process to provide culturally competent care to persons across the lifespan.
- Collaborate with significant support people and members of the health care team to assist diverse persons to achieve identified goals.
- Assume a leadership role within the scope of professional nursing practice.
- Participate in research that focuses on evidence-based practice and utilize findings to support clinical decision-making.
- Incorporate professional nursing standards and accountability into practice.

- Demonstrate a commitment to lifelong learning and personal and professional development through continuing education and participation in professional organizations.
- Recognize the impact of economic, political, social and demographic forces affecting the delivery of regional, national and global health care.

### 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 Accrediting Commission.
- A current license in New York State as a Registered Professional Nurse or eligibility to sit for the NCLEX-RN Exam. Students must be licensed prior to registration in a nursing course with a clinical component.
- A 2.5 cumulative grade point average (GPA) on a 4-point scale. 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 by meeting 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 \$55 each. 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.

### Progression in Nursing

- A 2.5 cumulative grade point average must be maintained.
- Students must achieve a minimum grade of "C" in 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, NUR 3110, NUR 4010, NUR 4110) is required for passing the course.

- Only one withdrawal (W) for academic reasons from a required nursing course 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, NUR 4130).

**Documentation**

Students enrolled in a course with a clinical component (NUR 3110, NUR 4010, NUR 4110) must submit the following documents prior to the first clinical laboratory experience at the date specified by the program. All documents must continue to be current to remain in the course:

- Proof of professional liability insurance coverage.
- CPR Certification with AED.
- A physical examination utilizing the nursing department form, which must be updated annually to meet health care facility and nursing department requirements.
- A current license in New York State as a Registered Professional Nurse.

**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 and an official decision will be made by the registrar.
- All students entering the BS Program from schools other than NYC College of Technology must show proof of completion of a college level computer course OR must complete the College Learning Center’s Self-Paced Computer Literacy Program by the end of the first semester in the BS Program. A copy of the Certificate of Completion, granted by the Learning Center, must be submitted by the student to the Program secretary for inclusion in the student’s file.

**CUNY Articulation Policy**

Currently 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 minimum 2.5 cumulative grade point average in the required 120 credits is necessary for graduation from the nursing program.

**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.

**DEGREE REQUIREMENTS**

A minimum of 120 credits is required for the BS degree. 60 credits must be in liberal arts and science courses.

**REQUIRED COURSES IN THE MAJOR**

**Credits**

**AAS Degree**

**60**

**UPPER LEVEL REQUIRED COURSES IN THE MAJOR**

**Credits**

NUR 3010	Physical Assessment	3
NUR 3110	Leadership in the Management of Client Care	5
NUR 3130	Nursing Research	3
NUR 4010	Community Health Nursing	5
NUR 4030	Nursing Case Management: Process and Role	3
NUR	Nursing Elective	3
NUR 4050	Family-Centered End-of-Life Care Across the Life Span or	
NUR 4070	Nursing Informatics	
NUR 4110	Comprehensive Client Care for Urban Health Issues	5
NUR 4130	Professional Nursing Practice	3

**Subtotal**

**30**

**ADDITIONAL REQUIRED COURSES**

SPE 1330/1335*	Effective Speaking	3
BIO 3524	Nutrition	2
MAT 1272	Statistics	3
BIO 3526	Pathophysiology	3
PSY 2404	Personnel and Organizational Psychology	3

**Subtotal**

**14**

\* SPE 1335 Group Discussion or ENG 1121 English Composition II may be substituted for SPE 1330 Effective Speaking. Students who took one of these courses as part of the 60 credits for the AAS will still need to take another one of these 3-credit courses to meet the upper division Communication Core requirements.

**SELECT ELECTIVE COURSES**

One approved elective course must be taken in each category of the 5 listed below. Three elective courses must be taken before beginning the fourth semester curriculum plan that includes NUR 4110 and NUR 4130. The following are recommended, but not required, choices for elective courses.

**Science Electives**

CHEM 1110*	General Chemistry I	4
CHEM 1210	General Chemistry II	4
PHYS 1433	Physics 1.2	4
BIO 3350	Elements of Bioinformatics	4

\* Students without sufficient chemistry background must take CHEM 1110, a prerequisite for Pathophysiology (BIO 3526). If CHEM 1110 was taken and was included in the 60 lower-level transfer credits, then a 4-credit science elective must be taken.

**Philosophy Electives**

PHIL 2103	Ethics	3
PHIL 2106	Philosophy of Technology	3
PHIL 3400	Environmental Philosophy	3

**Sociology Electives\***

SOC 1102	Urban Sociology	3
SOC 1103	The Family	3
SOC 2201	Sociology of Aging	3

\* Courses in Anthropology, History and Economics will be considered for substitution.

**Humanities Electives\***

ARTH 1102	History of Art: Renaissance to Modern	3
ARTH 1104	Art of the United States	3
MUS 1201	Musical Concepts: A Guide to Listening	3
MUS 1211	Music of Latin America	3

\* For the Humanities Electives, select a course from the Aesthetics CORE.

**Literature Electives**

ENG 2000	Perspectives in Literature	3
ENG 3401	Law Through Literature	3
ENG 3404	The Literature of Illness and Care	3

**Subtotal** **16**

**TOTAL CREDITS FOR THE DEGREE** **120**

**FULL TIME CURRICULUM PLAN** **Credits****THIRD YEAR****First Semester or Term**

<b>Science Elective-Upper division</b>	<b>4</b>	
SPE 1330	Effective Speaking	3
NUR 3010	Physical Assessment	3
BIO 3524	Nutrition	2
MAT 1272	Statistics	3
<b>Subtotal</b>	<b>15</b>	

**Second Semester or Term**

PHIL	Philosophy Elective	3
NUR 3110	Leadership in the Management of Client Care	5
NUR 3130	Nursing Research	3
PSY 2404	Personnel and Organizational Psychology	3
BIO 3526	Pathophysiology	3

**Subtotal** **17**

**FOURTH YEAR****First Semester or Term**

SOC	Sociology Elective	3
NUR 4050/		
NUR 4070	Nursing Elective	3
NUR 4010	Community Health Nursing	5
NUR 4030	Nursing Case Management: Role and Process	3

**Subtotal** **14**

**Second Semester or Term**

ARTH/MUS	Humanities Elective	3
ENG	Literature: 2000 or 3400 series Elective	3
NUR 4110	Comprehensive Client Care for Urban Health Issues	5
NUR 4130	Professional Nursing Practice	3

**Subtotal** **14**

**Upper Division Credits** **60**

**TOTAL CREDITS REQUIRED FOR THE DEGREE** **120**

**PART TIME CURRICULUM PLAN** **Credits****THIRD YEAR****First Semester or Term**

<b>Science Elective-Upper Division</b>	<b>4</b>	
NUR 3010	Physical Assessment	3
MAT 1272	Statistics	3

**Subtotal** **10**

**Second Semester or Term**

SPE 1330	Effective Speaking	3
NUR 3130	Nursing Research	3
PSY 2404	Personnel and Organizational Psychology	3

**Subtotal** **9**

**FOURTH YEAR****First Semester or Term**

BIO 3524	Nutrition	2
NUR 3110	Leadership in the Management of Client Care	5
BIO 3526	Pathophysiology	3

**Subtotal** **10**

<b>Second Semester or Term</b>		
NUR 4050/		
NUR 4070	Nursing Elective	3
PHIL	Philosophy Elective	3
SOC	Sociology Elective	3
	Subtotal	9
<b>FIFTH YEAR</b>		
<b>First Semester or Term</b>		
NUR 4010	Community Health Nursing	5
NUR 4030	Nursing Case Management: Role and Process	3
ENG	Literature: 2000 or 3400 Series Elective	3
	<b>Subtotal</b>	<b>11</b>
<b>Second Semester or Term</b>		
ARTH/MUS	Humanities Elective	3
NUR 4110	Comprehensive Client Care for Urban Health Issues	5
NUR 4130	Professional Nursing Practice	3
	<b>Subtotal</b>	<b>11</b>
<b>UPPER DIVISION CREDITS</b>		<b>60</b>
<b>TOTAL CREDITS FOR THE BS DEGREE</b>		<b>120</b>
<b>FAST TRACK CURRICULUM PLAN</b> <span style="float: right;"><b>Credits</b></span>		
For students entering the program who have taken the following courses:		
MAT 1272	Statistics	3
<b>Science Elective-Upper division</b>		4
BIO 3526	Pathophysiology	3
	<b>Subtotal</b>	<b>10</b>
<b>THIRD YEAR</b>		
<b>First Semester or Term</b>		
NUR 3110	Leadership in the Management of Client Care	5
NUR 3010	Physical Assessment	3
NUR 3130	Nursing Research	3
BIO 3524	Nutrition	2
SPE 1330	Effective Speaking	3
	<b>Subtotal</b>	<b>16</b>
<b>Second Semester or Term</b>		
PSY 2404	Personnel and Organizational Psychology	3
NUR4010	Community Health Nursing	5
NUR 4030	Nursing Case Management: Role and Process	3
ARTH/MUS	Humanities Elective	3

PHIL	Philosophy Elective	3
	<b>Subtotal</b>	<b>17</b>
<b>FOURTH YEAR</b>		
<b>First Semester or Term</b>		
ENG	Literature: 2000 or 3400 Series Elective	3
SOC	Sociology Elective	3
NUR 4110	Comprehensive Client Care for Urban Health Issues	5
NUR 4130	Professional Nursing Practice	3
NUR 4050/		
NUR 4070	Nursing Elective	3
	<b>Subtotal</b>	<b>17</b>
<b>UPPER DIVISION CREDITS</b>		<b>60</b>
<b>TOTAL CREDITS FOR THE BS DEGREE</b>		<b>120</b>

**COURSES:**

**NUR 1010 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, PSY 1101, ENG 1101 and MAT 1275 or higher; corequisites: BIO 2312, PSY 2301, NUR 1030*

**NUR 1030 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, PSY 1101, ENG 1101 and MAT 1275 or higher; corequisites: BIO 2312, PSY 2301, NUR 1010*

**NUR 1110 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 (NUR 1030). 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, PSY 2301, NUR 1010, NUR 1030; corequisites: BIO 3302, NUR 1130*

**NUR 1130 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 (NUR 1030). 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, PSY 2301, NUR 1010, NUR 1030; *corequisites:* BIO 3302, NUR 1110

**NUR 2110**

**Caring for Clients with Complex Alterations in Survival and Functional Needs**

3 cl hrs, 6 lab hrs, 5 cr

(one section partially online)

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, NUR 1110, NUR 1130; *corequisite:* NUR 2130

**NUR 2130**

**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, NUR 1110, NUR 1130; *corequisite:* NUR 2110

**NUR 2210**

**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, NUR 2130

**NUR 2230**

**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, NUR 2130

**NUR 3010**

**Physical Assessment**

2 cl hrs, 2 lab hrs, 3 cr

(partially online)

Health assessment skills and techniques to 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.

*Prerequisite:* AAS degree with major in Nursing or approval of BS program coordinator

**NUR 3110**

**Leadership in the Management of Patient Care**

2.5 cl hrs, 5 lab hrs, 5 cr

(partially online)

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 produce positive client outcomes, staff satisfaction and professional growth.

*Pre- or corequisite:* NUR 3010

**NUR 3130**

**Nursing Research**

3cl hrs, 3 cr (partially online)

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.

*Prerequisites:* AAS degree with major in Nursing, MAT 1272

**NUR 4010**

**Community Health**

2.5 cl hr, 5 lab hrs, 5 cr

(partially online)

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, 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, BIO 3524

**NUR 4030**

**Nursing Case Management: Role and Process**

3 cl hrs, 3 cr (partially online)

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 3110, NUR 3130, BIO 3524; *corequisites:* PSY 2404, NUR 4010, or approval of BS coordinator.

**NUR 4050**

**Nursing Elective: Family-Centered End-of-Life Care Across the Life Span**

3 cl hrs, 3 cr (online)

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 3110, NUR 3130, or approval of BS program coordinator

**NUR 4070**

**Nursing Elective: Nursing Informatics**

3 cl hrs, 3 cr (partially online)

Develop skills to identify, gather, and process information used in the management of client care. Emphasis on technology-based health applications which support clinical, administrative, research and educational decision making. Some focus on ethical, legal and

confidentiality issues related to the use of electronic health care records.  
*Prerequisite: MST 1101 or Computer Literacy Certificate Program. Pre- or corequisites: NUR 3110, NUR 3130 or approval of BS program coordinator*

**NUR 4110**  
**Comprehensive Client Care for Urban Health Issues**

*2.5 cl hr, 5 lab hrs, 5 cr (partially online)*

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 corequisite: NUR 4030*

**NUR 4130**  
**Professional Nursing Practice**

*3 cl hrs, 3 cr (partially online)*

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 résumé, a portfolio and template for a project proposal for enhancement of professional development.

*Prerequisites: NUR 3110, NUR 3130*