

SCHOOL OF NURSING

Associate Professors: Acee, Elting, Kiraly, Migliore

Assistant Professors: Ahanonu, Arciaga, Corda, Daco, Davis, Grippi, Hamilton, Hauck, Lipovetzky, Motorina, Orea, Osborne, Rattner, Ventura, Wray, Zabala
Adjunct Faculty: 106

B.S. Nursing

For those just starting to think about a career path as well as those who are interested in career change, the field of nursing offers a broad array of options and a wealth of employment opportunity. LIU Brooklyn's School of Nursing offers a 122-credit Bachelor of Science with a major in Nursing.

Students have the opportunity to complete the program in one of following four tracks:

- Full time day track
- The full-time 15 or 16-month accelerated 2nd degree track, for students who currently hold a baccalaureate degree in another discipline.

The program is designed to prepare students to develop the competencies essential for professional nursing practice, and to build a foundation for graduate study.

Undergraduate Nursing Program Goals

The goals of the Harriet Rothkopf Heilbrunn School of Nursing baccalaureate program are to prepare professional nurses who:

- provide high-quality, safe care.
- evaluate client changes and progress over time.
- design/manage/coordinate care as part of an interprofessional team.
- identify system issues, manage care transitions, and delegate, prioritize and oversee care.
- are members of the nursing profession who continually evaluate their practice and support the profession.
- are prepared for graduate study in nursing.

Undergraduate Program Outcomes

Upon completion of the program graduates are prepared to:

- Integrate knowledge from the liberal arts and sciences when providing professional nursing care to diverse individuals, families, groups, communities, and populations throughout the life span and across the continuum of healthcare settings.
- Identify principles of leadership and management for quality improvement and patient safety to the delivery of high quality professional nursing care within current cultural, economic, organizational, and political perspectives.
- Integrate evidence-based best practices into professional nursing practice to improve patient

outcomes.

- Use information technology ethically to support evidence-based practice, decision-making, and demonstrate competence using patient care technology in the delivery of quality patient care across the continuum of care.
- Examine healthcare, financial, and regulatory policies that influence the practice of professional nursing and access to care and promote advocacy for consumers and the profession.
- Collaborate with members of the interprofessional team to improve communication to provide patient centered care.
- Provide population-based professional nursing care that integrates concepts of demographics, social determinants of health, health promotion, disease and injury prevention, risk assessment, genetics/genomics, equity, and resource utilization in the delivery of quality and safe care.
- Demonstrate professionalism and accountability in nursing practice applying professional values of altruism, autonomy, human dignity, integrity, and social justice.
- Apply knowledge, skills, and attitudes using clinical reasoning to develop nursing interventions that recognize culture, spirituality, ethnicity, socioeconomic status, gender, and sexual orientation in the delivery of professional nursing care to all consumers across the lifespan.

The full time program is designed to be completed in four years for first time freshman and in 2 years for transfer students. If a student requires proficiency and skills courses, however, the course of study may be lengthened.

Generic Nursing Program Admissions

Requirements:

Applications to the Generic BS in Nursing program are accepted twice a year in the Fall and in the Spring Semester.

For acceptance as a nursing major:

Admission Criteria for **acceptance from High School** into the Nursing Major requires the following:

- High School GPA of 85% or higher
- High School Science (specifically Biology & Chemistry) and Math (specifically Algebra) grades B or higher (85% or higher in each of these math and science courses).

Admission Criteria for **acceptance for transfer students** into the Nursing Major requires the following:

- College GPA of 85%/3.0 or higher
- College Science (specifically Biology, Chemistry, Anatomy & Physiology I & II and Microbiology) and Math (specifically Algebra and Statistics) grades B or higher (85%/3.0 or higher in each of these math and science courses).

Accelerated Program Admissions

Requirements:

Admission to the Accelerated program requires a previous bachelors degree. Applications are accepted three times a year, Spring, Summer, and Fall.

For Acceptance as a Accelerated nursing major:

- College GPA of 88%/3.3 or higher
- College Science (specifically Microbiology, Biology, Chemistry, Anatomy & Physiology I & II) and Math (specifically Algebra and Statistics) grades B+ or higher (88%/3.3 or higher in each of these math and science courses).

Progression Criteria:

Generic BS Nursing Program

- A grade of C+ or higher in all science and nursing courses and a minimum nursing and overall GPA of 2.75 are required to progress through the generic nursing program.
- Students will be subject to background checks and are required to undergo drug testing.

Accelerated BS Nursing Program

- A grade of C+ or higher in all science and nursing courses and a minimum nursing and overall GPA of 2.75 are required to progress through the accelerated nursing program.
- Students will be subject to background checks and are required to undergo drug testing.

Criteria for eligibility to participate in clinical rotations:

1. Satisfactorily complete the required health forms – including titers, health clearance, and vaccines
2. Pass a background check
3. Pass a drug screen
4. Complete HIPAA and OSHA certification courses
5. Obtain American Heart Association Basic Life Support (BLS) for Healthcare Provider certification
6. Comply with criminal background checks and drug screening as required for eligibility to access entrance into specific clinical agencies as related to clinical course objectives.

All students taking a nursing course with a clinical/laboratory component are required to have health insurance and to have satisfactory yearly physical examination reports. The completed health form and all clinical clearance documentation must be submitted to Castlebranch by August 1 for the fall semester, December 1 for the spring semester, and May 1 for the summer semester. It is the responsibility of students to obtain specific laboratory tests at their own expense. Failure to submit the aforementioned documentation within the specific time limit automatically denies admittance of students to

nursing courses with clinical components.

Furthermore, students in all clinical/ laboratory courses are required to purchase, at their own expense, the uniforms and other equipment appropriate to or required by the agency to which they are assigned.

Nursing courses taken in baccalaureate programs at other institutions will not be accepted for transfer.

*Pending review by the New York State Education Department, Office of the Professions, persons who have been convicted of a crime other than a minor traffic violation could be ineligible for Registered Nurse Licensure in the State of New York, even though they have successfully completed the program.

B.S. Nursing

{Program Code: 00098} {HEGIS: 1203.0}

Graduation Requirements

Students must satisfy the placement, proficiency, and 34-35 credit core curriculum criteria outlined in the Graduation Requirements section of this bulletin:

Core Curriculum Requirements (34-35 credits)

Humanities

- English Composition - ENG 16 or 16 X 3.00
- English Literature: ENG 61, 62, 63 or 64 3.00
- Philosophy: PHI 61 or 62 3.00
- Foreign Language 3.00

Social Sciences

- History 1 or 2 3.00
- Anthropology or Sociology 3.00
- Psychology - PSY 3 3.00

Science and Mathematics

- Mathematics: MTH 16 3.00
- Laboratory Science: BIO 3 4.00

Communication, Visual & Performing Arts

- Oral Communications: SPE 3 3.00
- Art, Dance, Journalism, Music, Theatre, Media Arts 3.00

Ancillary Requirements

Must take all of the following courses:

- BIO 101 Microbiology 4.00
- BIO 137 Anatomy & Physiology I 4.00
- BIO 138 Anatomy & Physiology II 4.00
- CHM 1 Chemistry for Health Sciences I 4.00
- MTH 100 Introductory Statistics 3.00
- PSY 31 Lifespan Developmental Psychology 3.00

- FYS 1 First Year Seminar 1.00
- Free Electives (2) 6.00

Major Requirements

Nursing Generic Track

- NUR 210 Contemporary Topics in Nursing 2.00
- NUR 211 Informatics for Nurses 2.50
- NUR 220 Health Assessment and Health Promotion (Lecture & Lab) 3.50
- NUR 321 Principles of Nursing Practice - Lecture 3.00
- NUR 321C Principles of Nursing Practice - Clinical 1.00
- NUR 321L Principles of Nursing Practice - Lab 2.00
- NUR 330 Pathophysiology for Nursing Practice 3.00
- NUR 340 Pharmacology for Nursing Practice (Lecture & Lab) 4.00
- NUR 362 Introduction to Health Care Systems and Policy 3.00
- NUR 363 Ressearch/Evidence for Nursing 3.00
- NUR 410A Maternity/OB Nursing (Lecture, Lab & Clinical) 3.00
- NUR 410B Pediatric Nursing (Lecture, Lab, & Clinical) 3.00
- NUR 420 Behavioral and Mental Health Nursing (Lecture & Clinical) 4.00
- NUR 430 Nursing Leadership and Management (Lecture & Clinical) 3.50
- NUR 440 Medical Surgical Nursing I (Lecture, Lab & Clinical) 6.00
- NUR 450 Medical Surgical Nursing II (Lecture, Lab & Clinical) 7.00
- NUR 460 Community/Population Health Nursing (Lecture & Clinical) 5.50

Credit and GPA Requirements

Minimum Total Credits: 122
 Minimum Liberal Arts and Sciences Credits: 63
 Minimum Major Credits: 59

Minimum Nursing Major GPA: 2.75
 Minimum Overall GPA: 2.75

Accelerated B.S. Nursing Track
Nursing Generic Track

Major Requirements

- NUR 210 Contemporary Topics in Nursing 2.00
- NUR 211 Informatics for Nurses 2.50
- NUR 220 Health Assessment and Health Promotion (Lecture & Lab) 3.50
- NUR 321 Principles of Nursing Practice - Lecture 3.00
- NUR 321C Principles of Nursing Practice - Clinical 1.00
- NUR 321L Principles of Nursing Practice - Lab 2.00
- NUR 330 Pathophysiology for Nursing Practice 3.00
- NUR 340 Pharmacology for Nursing Practice (Lecture & Lab) 4.00
- NUR 362 Introduction to Health Care Systems and Policy 3.00
- NUR 363 Ressearch/Evidence for Nursing 3.00
- NUR 410A Maternity/OB Nursing (Lecture, Lab & Clinical) 3.00
- NUR 410B Pediatric Nursing (Lecture, Lab & Clinical) 3.00
- NUR 420 Behavioral and Mental Health Nursing (Lecture & Clinical) 4.00
- NUR 430 Nursing Leadership and Management (Lecture & Clinical) 3.50
- NUR 440 Medical Surgical Nursing I (Lecture, Lab & Clinical) 6.00
- NUR 450 Medical Surgical Nursing II (Lecture, Lab & Clinical) 7.00
- NUR 460 Community/Population Health Nursing (Lecture & Clinical) 5.50

Credit and GPA Requirements

Minimum Total Credits: 122
 Minimum Liberal Arts and Sciences Credits: 63
 Minimum Major Credits: 59

Minimum Nursing Major GPA: 2.75
 Minimum Overall GPA: 2.75

Nursing Courses

NUR 210 Contemporary Topics in Nursing

The focus of this course is to introduce students to concepts and topics that are important to contemporary nursing practice and professional development of the nurse. Selected concepts are explored and include professionalism, clinical judgment, communication and collaboration, informatics, the interprofessional health care team, licensure, health care law and ethics, evidence-based practice, safety, health care economics, quality and health promotion.

Pre requisite: Student must be in Nursing plan code; ENG 16 or HEG 21/22

Credits: 2

Every Fall, Spring and Summer

NUR 211 Informatics for Nurses

This course examines information management and technological advances for practice of professional nursing care, using the concepts of technology and information, professionalism, communication, health care law/policy, health care ethics, and patient education. Background information, informatics applications, health care information systems, patient privacy considerations, costs and consequences are reviewed. This course explores future directions in computerized integrated health care delivery.

Pre requisite: Student must be in Nursing plan code

Credits: 2.50

Every Fall, Spring and Summer

NUR 220 Health Assessment and Health Promotion

This course provides pre-licensure nursing students with beginning skill development to perform a comprehensive health and physical assessment of adults and older adults. Students will acquire the requisite knowledge and cognitive, psychomotor, and affective skills related to interviewing techniques, history taking, general survey, physical assessment, cultural assessment, health promotion, risk assessment, documentation, and communication of findings required for beginning nursing practice. The importance of culturally sensitive and linguistically appropriate care and evidence-based practice are integrated into all aspects of patient assessment. Emphasis is placed on the acquisition, processing, analysis, and interpretation of subjective and objective data, physical examination, documentation, and communication of assessment findings that provide accurate information from which to form valid nursing diagnoses and integrated plans of care. This course is taken concurrently with NUR 220 lab.

Pre requisite: Student must be in Nursing plan code, BIO 137 and 138, BIO 101, CHM 1

Credits: 3.50

Every Fall, Spring and Summer

NUR 321 Principles of Nursing Practice

This course focuses on concepts and exemplars essential to safe, quality nursing care of patients with basic health care needs, particularly the older adult. Classroom discussions and activities will focus on knowledge essential to developing competencies and the core values associated with professional nursing practice and focuses on the Quality and Safety Education in Nursing (QSEN) competencies. Core principles include safety and infection control, health and wellness, comfort and care, the nursing process, principles of medication administration, therapeutic communication, teaching and learning, and cultural and spiritual care of the patient. This will provide the theoretical basis for nursing skills taught in the laboratory and simulation settings. Skills related to the physiologic health process such as mobility, hygiene and comfort, infection control, vital sign monitoring, oxygenation, skin and wound care, nutrition and elimination will be taught and practiced in a laboratory/simulation setting. This course is taken concurrently with NUR 321L and NUR 321C.

Pre requisites: BIO 137, BIO 138, BIO 101, NUR 220, NUR 220L, NUR 340

Co requisites: NUR321L, NUR 321C

Credits: 3

Every Fall, Spring and Summer

NUR 321C Principles of Nursing Practice Clinical

Onsite clinical and simulation lab experiences provide opportunities for students to deliver safe, evidence-based nursing care to patients with basic health care needs, particularly the older adult. Each clinical experience includes a pre and post conference and simulation lab experiences include a debriefing session. This course is taken concurrently with NUR 321 and NUR 321L.

Co requisites: NUR321, NUR 321L

Credits: 1

Every Fall, Spring and Summer

NUR 321L Principles of Nursing Practice Lab

Skills Lab experiences provide opportunities for students to apply knowledge they learn in lecture. Students practice the skills they need in order to prepare them to provide evidence-based nursing care to patients with basic health care needs, particularly the older adult. This lab is taken concurrently with NUR 321 and NUR 321C.

Co requisites: NUR321, NUR 321C

Credits: 2

Every Fall, Spring and Summer

NUR 330 Pathophysiology for Nursing Practice

This course introduces students to basic principles and processes of the concepts of pathophysiology and altered health states in relation to normal body functioning aspects of physical and physiologic changes occurring in disease processes. These include descriptions of cellular biology; genes and genetic diseases; forms of cell injuries; fluids and electrolytes and acids and bases; immunity; and tumor biology. Knowledge of these processes is

applied to the pathophysiology of common diseases based upon selected concepts. The presentation of each disease/disorder entity includes relevant risk factors, pathophysiology, clinical manifestations and a brief review of treatment. Clinical reasoning will be augmented by applying models for nursing clinical judgment to clinical case studies. The course provides a foundation for future study in examining responses to illness in subsequent courses.

Pre requisite: Student must be in Nursing plan code, BIO 137 and 138, BIO 101, CHM 1

Credits: 3

Every Fall, Spring and Summer

NUR 340 Pharmacology for Nursing Practice

The purpose of this course is to explore core concepts and scientific basis of pharmacotherapeutic agents used in the treatment of illness and the promotion, maintenance and restoration of wellness in diverse individuals across the lifespan. Emphasis is on the principles of pharmacokinetics, pharmacodynamics and pharmacogenetics in the treatment of selected illnesses including therapeutic and toxic effects, dosage calculations, and challenges related to drug therapy. The focus is safe administration and monitoring the effects of pharmacotherapeutic agents through the application of selected concepts important in nursing practice. Prototypes of the major drug groups are emphasized including evidence for best practice and critical thinking. Legal and ethical principles and regulatory guidelines and standards of practice will be discussed as they affect the role of the nurse generalist in delivering varied drug therapies. This course is taken concurrently with NUR 340L Pharmacology for Nursing Practice lab.

Pre requisite: CHM 1, BIO 137, 138, 101 and MTH 16

Co requisites: NUR 330

Credits: 4

Every Fall, Spring and Summer

NUR 362 Introduction to Health Care Systems and Policy

This course provides an overview of the health care system and the policy, political, economic and social factors that shape it. The course includes particular emphasis on how these factors affect the nursing profession and nursing practice. It also examines the roles that nurses, other health professionals, and consumers play in shaping health policy. This is a writing-intensive course that fulfills LIU Brooklyn's writing-intensive requirement. For graduation, all students are required to take nine credits of writing-intensive courses. These courses include English 16 and a writing-intensive course in the major.

Pre requisite: Student must be in Nursing plan code; ENG 16 or HEG 21/22

Credits: 3

Every Fall, Spring and Summer

NUR 363 Research/Evidence for Nursing

This course introduces nursing students to the processes and methods of research and evidence based practice. Focus is placed on identifying clinical questions, searching and appraising the evidence for potential solutions/innovations, and identifying additional gaps in nursing knowledge. Students explore the research process and critique research studies for quality and application to professional nursing practice. Ethical and legal implications in research are explored.

Pre requisites: MTH 100 or PSY 150; Student must be in Nursing plan code

Pre or Co requisite: NUR 321

Credits: 3

Every Fall, Spring and Summer

NUR 410 Maternity/OB and Pediatric Nursing

This course combines pediatric and parent child nursing, and focuses on the health and nursing care of infants, children, adolescents, parents, and families. The Parent Child portion provides a global perspective and will explore the social, economic, and political factors that impact the health of the maternal newborn population and the role of the registered nurse caring for the childbearing and neonatal population. This course explores health promotion across the lifespan in relation to maternal newborn health. The pediatric portion focuses on the knowledge and skill acquisition needed to care for children and adolescents across the continuum of care. Emphasis is placed on family-centered care through transitions in the illness and recovery phases. The course accentuates family centered strategies for optimizing health and maintaining individuality; promoting optimal developmental, physiological, and psychological functioning; and enhancing strengths within the context of family. Preventing disease through healthy environments: an assessment of the burden of disease from environmental risks social, economic, and political contexts affecting children bears examination. Clinical, lab, and simulation experiences provide opportunities for students to use clinical reasoning and the nursing process to provide quality nursing care to infants, children, adolescents, parents, and families. This course is taken concurrently with NUR 410L and NUR 410C.

Pre requisites: PSY 31, NUR 32,1 NUR 321L, NUR 321C;

Co requisites: NUR 440

Credits: 6

Every Fall, Spring and Summer

NUR 420 Behavioral and Mental Health Nursing

This clinical course focuses on promotion, maintenance, and restoration of behavioral health across the lifespan. Emphasis is placed on therapeutic communication, critical thinking, and nursing interventions with clients in acute care and outpatient settings. Behavioral Health Nursing includes the School of Nursing (SON) core concepts, scope and standards of practice, basic

mental health concepts, including developmental theories, issues related to client advocacy, therapeutic relationships, psychopharmacology, milieu management, models and theories related to individual, group, and family therapy, and clinical disorders from a nursing perspective. Cultural influences are discussed as they relate to communication and behavior. Students are introduced to principles of evidence-based practice as they relate to health promotion, prevention and treatment of mental illness across the lifespan. This course is taken concurrently with NUR 420C.

Pre requisites: NUR 220, NUR 321, NUR 330 and NUR 340

Credits: 4

Every Fall, Spring and Summer

NUR 430 Nursing Leadership and Management

This course examines leadership concepts, including communication, evidence, ethics, law/policy, quality, and professionalism in the health care delivery system. Theories regarding leadership, management, power, chaos, change, influence, delegation, communication and empowerment are analyzed. Strategies for effective multidisciplinary collaboration are explored.

Through a mentorship with a nursing leader, students apply leadership and management theory, plus participate as members of the healthcare team with a commitment to health equity in partnership with communities and other health professionals.

This course is taken concurrently with NUR 430C.

Pre requisites: NUR 220, NUR 321, NUR 330 and NUR 340; Co Requisite: NUR 450

Credits: 3.50

Every Fall, Spring and Summer

NUR 440 Medical Surgical Nursing I

This is the first of two courses, which focus on the health care needs for adults across their life span using selected concepts as a framework for study. Building on the foundations of previous nursing courses and the nursing process, students will examine the impact of altered health states including social determinants that integrate physiologic, sociocultural and behavioral alterations throughout. Emphasis is on prevention of complications, caring, empowerment, and critical thinking to promote optimal well-being in the patient and family. The clinical experience provides students with opportunities to apply the nursing process in acute care settings. This course is taken concurrently with NUR 440L and NUR 440C.

Pre requisites: NUR 321, NUR 321L, NUR 321C;

Co requisites: NUR 410

Credits: 6

Every Fall, Spring and Summer

NUR 450 Medical Surgical Nursing II

This is the second of two courses, which focuses on evidence-based nursing care of adult and geriatric clients using selected concepts as a framework for study. Building on the foundations of previous nursing courses and the nursing process, students

will examine the impacts of altered health states, including social determinants and plan nursing care for patients experiencing specific basic and complicated health alterations. Emphasis is on nursing care designed to prevent complications and to promote optimal well-being in the patient and family. This course is taken concurrently with NUR 450L and NUR 450C.

Pre requisites: NUR 410, NUR 440

Co requisites :NUR 430, 460

Credits: 7

Every Fall, Spring and Summer

NUR 450C Medical Surgical Nursing II Clinical

Onsite clinical and simulation lab experiences provide opportunities for students to deliver safe, evidence-based nursing care to adult and geriatric patients experiencing basic and complicated health alterations. Each clinical experience includes a pre and post conference and simulation lab experiences include a debriefing session. This course is taken concurrently with NUR 450 and NUR 450L.

Pre requisites: NUR 220; NUR 220L; NUR 330; NUR 340; NUR 340L; NUR 440; NUR 440L; NUR 440C

Co requisites: NUR 450; NUR 450L

NUR 460 Community/Population Health Nursing

This course will explore the role of the nurse caring for individuals, families, and populations with a focus on health promotion and prevention of population-based health problems and disease. Healthy People 2020 provides the basis for the identification of social determinants of health, at-risk assessment and reduction among diverse populations across the lifespan. Concepts derived from nursing theory, clinical practice, epidemiology, ecology, and social sciences are integrated throughout this course. Students learn to provide culturally competent care that demonstrates an understanding of community models for health/illness and the sociopolitical and economic forces governing health care regulation, choices, and services. Emphasis is placed on a "real world" community-centered project that addresses the health and educational needs of a specific population. This course is taken concurrently with NUR 460C.

Pre requisites: NUR 420, NUR 440

Co requisite: NUR 450

Credits: 5.50

Every Fall, Spring and Summer