

PROGRAM INFORMATION

Academic Year:	2025-2026
Credential:	Bachelor's Degree
Program Delivery:	Full-Time
Duration:	4 Years
Length:	8 Semesters
Program Code(s):	H112 - (PC) Timmins Campus

DESCRIPTION

Northern's Bachelor of Science in Nursing (BScN) program is a collaborative program with Laurentian University where graduates will earn a Bachelor of Science in Nursing degree from Laurentian University while completing all four years of study at Northern College.

The program will prepare students to meet the complex needs of the client (individuals, families and communities) in ever-changing healthcare environments. BScN graduates are instilled with a desire to be life-long learners who use an evidence-informed approach to practice.

Nursing educators and students strive to work within intra- and inter-disciplinary contexts to positively influence the health and well-being of individuals, families and communities. Thanks to a comprehensive curriculum, diverse clinical experiences and hands-on laboratory and simulation learning – you'll gain first-hand experience with new technologies, develop clinical reasoning and clinical judgment skills, engage in active learning experiences, and understand emerging healthcare trends. Learning experiences will be enhanced through cooperation and consultation with faculty and peers through shared activities.

Northern College's nursing program provides opportunities for students to practice nursing skills in state-of-the-art nursing practice labs equipped with integrative simulation equipment. This latest technology will assist in preparing students for actual client care through simulated care scenarios. Our nursing program also incorporates new technologies, such as specialized software packages and web-based tools, many of which are used in health-care settings.

Students in the BScN program also enter the clinical environment for experiential learning in every semester of the program in a diverse variety of settings such as hospitals, long-term care, public health, community agencies, occupational settings, and many more; with their first clinical experience beginning mid-way through their first semester.

Our Bachelor of Science in Nursing program is accredited by the Canadian Association of Schools of Nursing and approved by the College of Nurses of Ontario:



The BScN Program is delivered in collaboration with:



CAREER OPPORTUNITIES

Upon successful completion of all courses outlined in the program of study, the graduate will be eligible to write the licensure examination for Registered Nurse credentialing (NCLEX-RN) as set out by the College of Nurses of Ontario.

Graduates of the BScN program may find employment opportunities across the health sector including positions in settings such as acute and long-term care, community health, public health, occupation health, primary care, travel agencies, and more.

Graduates may also pursue post-graduate certificate programs to allow for practice specialty certification in programs areas such as critical care, public health, perioperative care, and more.

BScN graduates may also choose to pursue graduate studies at the master's level in nursing, science, or other related health/education field, including Masters' level education in a Nurse Practitioner education program.

PROGRAM GOALS AND ASSOCIATED LEARNING OUTCOMES

Upon successful completion of all courses outlined in the program of study, the graduate will be eligible to:

- A. Be prepared to meet the Canadian Nurses Association and College of Nurses of Ontario's entry to practice competencies and standards.
 - 1. Demonstrate practice consistent with nursing entry to practice regulatory requirements, standards of practice, ethical and legal codes within the provincial and national context.
 - 2. Integrate foundational nursing knowledge of life sciences, and social sciences (anatomy, physiology, microbiology, clinical chemistry, pharmacology, pathophysiology, psychology, sociology) in the planning, delivery and evaluation of care for clients across the lifespan in diverse settings (promotive, preventive, curative, restorative, and end of life).
 - 3. Demonstrate accountability, accept responsibility, and seek assistance as necessary for decisions and actions within the legislated scope of practice.
- B. Practice nursing with a professional and ethical caring perspective.
 - 4. Apply ethical nursing principles and practices within all professional encounters.
 - 5. Apply principles of professional caring theory within all individual, family, and community interactions.
 - 6. Maintain professional boundaries with clients and other members of the health care team.
- C. Practice in accordance with the values and principles of primary health care. The values are social justice and equity. The principles are health promotion; accessibility; appropriate technology; public participation; and inter-sectoral collaboration.
 - 7. Apply knowledge of primary health care relative to the determinants of health and health disparities to address strengths and vulnerabilities of individuals, families, and communities.
 - 8. Use clinical reasoning, nursing knowledge, and other relevant contemporary evidence to inform clinical judgments in primary health care.
- D. Be prepared to practice nursing at an entry level within a variety of contexts and with diverse populations, integrating cultural competence and cultural safety.

9. Practice safe, competent, compassionate, ethical, and client-centered care (appreciating culture, spirituality, and choice) in diverse, often rapidly changing contexts.
 10. Demonstrate comprehensive and focused assessments of diverse clients across the lifespan with variable presentations in order to promote health and manage challenges.
 11. Construct, implement, evaluate, and revise individualized teaching plans to promote health, symptom and disease management of individuals, families, and groups.
- E. Engage in self-directed professional practice.
12. Demonstrate self-regulation through seeking learning and practice opportunities and support as needed for ongoing professional development.
 13. Appraise the influence of one's beliefs, values, and assumptions on professional interactions
 14. with clients and healthcare team members.
 15. Appraise own development of foundational knowledge, skills, and abilities as requisite for employment in nursing, membership within nursing/healthcare organizations, and pursuit of graduate studies as desired.
- F. Make professional decisions guided by evidence informed nursing knowledge using multiple ways of thinking including clinical reasoning and critical thinking.
16. Demonstrate critical thinking and research consumerism to seek, locate, interpret, and appraise a broad range of information, knowledge, evidence, and methodologies in nursing and associated disciplines for evidence-informed decision-making.
 17. Construct research questions emerging from nursing practice.
- G. Work collaboratively with the client and others – inter-professionally and intra-professionally, to address and respond to emerging health care needs.
18. Apply principles of relational practice with diverse clients and intra-/interprofessional healthcare team members in all interactions (written, in-person, and virtual) attending to variable contextual factors to provide safe and quality care.
 19. Evaluate the impact of nursing leadership, collaboration, effective team functioning, critical thinking, and clinical judgment on quality practices.
- H. Be prepared to contribute to and influence nursing and health care at a professional, political, and societal level by anticipating and responding to the evolving needs of society.
20. Articulate an understanding of social justice, population health, environment, and regional health issues particular to rural and small urban centers.
 21. Compose both written and verbal arguments based on evidence.
 - 22.

PROGRAM COURSES

Semester 1		Hours
BN2105 (LU-BIOL2105)	Human Anatomy and Physiology	168
NS1001	Supporting Academic Success	18
NS1004 (LU-NURS1004)	Nursing Praxis and Professional Caring I	84 (plus 34 clinical hours)
*NS1023 (LU-PSYC9110)	Developmental Psychology for BScN	42
NS1056 (LU-NURS1056)	Professional Growth I	42
NS1206 (LU-NURS1206)	Relational Practice I	42

Semester 2

BN2105 (LU-BIOL2105)	Human Anatomy and Physiology (continued)	68
NS1007 (LU-NURS1007)	Health and Healing I	42 (plus 10 clinical hours)
NS1094 (LU-NURS1094)	Nursing Praxis and Professional Caring II	84 (plus 88 clinical hours)
NS1207 (LU-NURS1207)	Relational Practice II	56
*NS3003 (LU-INDG9100)	Working with an Indigenous Reality	42

Semester 3

BN2036 (LU-BIOL2036)	Microbiology for Health Sciences	84
BN2220 (LU-CHMI2220)	Clinical Chemistry	42
*NS1033 (LU-PSYC9200)	Abnormal Psychology for BScN	42
NS2006 (LU-NURS2006)	Health and Healing II	56
NS2084 (LU-NURS2084)	Nursing Praxis and Professional Caring III	84 (plus 96 clinical hours)

Semester 4

BN2220 (LU-CHMI2220)	Clinical Chemistry (continued)	42
NS2057 (LU-NURS2057)	Professional Growth II	42
NS2107 (LU-NURS2107)	Health and Healing III	42
NS2144 (LU-NURS2144)	Nursing Praxis and Professional Caring IV	126 (plus 96 clinical hours)

Semester 5

NS3005 (LU-NURS3005)	Health and Healing IV	42
NS3056 (LU-NURS3056)	Professional Growth III	42
NS3084 (LU-NURS3084)	Nursing Praxis and Professional Caring V	49 (plus 96 acute clinical hours and 72 community clinical hours)
NS3206 (LU-NURS3206)	Practice III	42
NS3406 (LU-NURS3406)	Nursing Inquiry and Praxis I	42

Semester 6

*BN2033 (LU-ARTS9101)	Popular Nutrition	42
NS3005 (LU-NURS3005)	Health and Healing IV (continued)	42
NS3066 (LU-NURS3066)	Professional Growth IV	42
NS3094 (LU-NURS3094)	Nursing Praxis and Professional Caring VI	49 (plus 96 acute clinical hours and 72 community clinical hours)
NS3416 (LU-NURS3416)	Nursing Inquiry and Praxis II	42

Semester 7

*NS2003 (LU-PSYC2006)	Child & Adolescent Psychopathology	42
NS4084 (LU-NURS4084)	Nursing Praxis and Professional Caring VII	56 (plus 200 preceptorship hours)
NS4156 (LU-NURS4056)	Professional Growth V	42
NS4206 (LU-NURS4206)	Relational Practice IV	42
NS4416 (LU-NURS4416)	Nursing Inquiry and Praxis III	42

Semester 8

NS4094 (LU-NURS4094)	Nursing Praxis and Professional Caring VIII	126 (plus 384 preceptorship hours)
NS4157 (LU-NURS4057)	Professional Growth VI	42

*Program Elective – predetermined for students, course listed may be subject to change.

PROGRAM PROGRESSION

The following reflects the planned progression for full-time offerings of the program.

Fall Intake

Sem 1: Fall 2025
Sem 2: Winter 2026
Sem 3: Fall 2026
Sem 4: Winter 2027
Sem 5: Fall 2027
Sem 6: Winter 2028
Sem 7: Fall 2028
Sem 8: Winter 2029

ADMISSION REQUIREMENTS

From Ontario Secondary School:

- Ontario Secondary School Diploma with 6 credits at a U/M level including:
 - Grade 12 Math (U),
 - Grade 12 English (U),
 - Grade 12 Biology (U),
 - Grade 12 Chemistry (U), and
 - any two additional Grade 12 courses (4U/M)
 - with a minimum overall average of 75%.

Prior CAAT Studies:

- 2 semesters English or one year study of English,
- 2 semesters Biology,
- 2 semesters Math, and
- 2 semesters Chemistry
- Must have minimum average of 70% on a full year of studies, and
- Must be in good academic standing with the sending CAAT
- Those who have a minimum average of 70% plus a 2-year diploma may qualify for the transfer of up to 15 elective credits.

Prior university studies:

- 1 English,
- 1 Biology,
- 1 Math, and
- 1 Chemistry
- Must have minimum overall average of at least 60%, and
- Must be in good academic standing with the sending university
- Transfer credits will be accessed on an individual basis

Mature Students

An Applicant's most recent education must be in good standing in addition to the course criteria being met in one or more of categories listed above.

Northern College does not offer academic testing for the Science equivalencies. The successful completion of Northern College's two semester Pre-Health Science program (2014 or later, with a minimum overall average of 70%) will provide students with the admission requirements for entry into the BScN program.

Additional Requirements for International Students

In addition to the admission requirements, international students must have proof of [English Proficiency](#) and meet the requirements below.

1. Proof of Senior High School Diploma/Certificate with 75% in each for the equivalents of Mathematics, Chemistry and Biology plus 2 senior level courses.
2. English Proficiency (we will require one of the following):
 - IELTS Academic International English Language Testing System: minimum overall score of 6.5 must be achieved with no individual band score under 6.0
 - TOEFL (Test of English as a Foreign Language) – Internet Based Test (iBT) overall minimum score of 88, with the minimum of 22 in each component: Reading: 22; Listening: 22; Speaking: 22; Writing: 22.
 - PTE (Pearson Test of English) Academic – Graduate Diploma: 60+

If your country of citizenship has English as its official language, we may accept alternate proof of English Proficiency. All educational documents must be submitted in English and will be dependent on the country of citizenship. For more information, please contact admissions@northern.on.ca.

PROGRAM SPECIFIC REQUIREMENTS & ADDITIONAL INFORMATION

Applicants and students in the Collaborative Bachelor of Science in Nursing program are required to disclose all education, which requires submission of all prior educational transcripts from high school and post-secondary studies. Failure to fully disclose your educational documents could be grounds for dismissal from the program.

The BScN program is oversubscribed and receives more than enough qualified applicants to fill the seats available. Applicants accepted into oversubscribed programs confirm their offer and pay their fees early to reserve a place in the program.

Clinical Placements

An essential part of nursing education consists of clinical placement experiences. Students in the BScN program will enter the clinical environment for experiential learning in every semester of the program, beginning in semester one.

There are mandatory clinical requirements all students must complete, and submit, in order to participate in clinical placements/practicums.

On admission to the BScN program students must complete and submit all mandatory clinical requirements by the due date of August 15. Students entering the program are strongly encouraged to initiate the completion of all mandatory clinical requirements by no later than June 1 to ensure that they avoid potential delays with the access to CPR/First Aid training opportunities and medical appointments for Immunization/Communicable Disease Testing Requirements/required vaccinations.

The package containing information about mandatory clinical requirements can be found here:

- [BScN Nursing Clinical Requirements \[PDF, 441 KB\]](#)
- [BScN Nursing Clinical Requirements \(International\) \[PDF, 1.3 MB\]](#)

Requirements for Clinical Placements

- Completed Immunization/Communicable Disease Testing Requirements forms, supplied by the College
- Current Basic Cardiac Life Support Certificate (BCLS/C.P.R. – HCP Level)
- Standard First Aid Certificate (or equivalent)
- WHMIS Certificate (may be obtained at a minimal cost through the College)
- A recent Canadian criminal reference/vulnerable sector check (original only/photo copy not accepted) – must be applied for no earlier than July 1st of the current year and is required prior to the start of the fall. *Do not delay initiating the request for this after July 1 to ensure you are not faced with a processing delay to meet the Aug 15 submission deadline.*
- Mask Fit Testing. This will be offered in September, on campus by the Nurse Training Officers. See below for more details.
- [AODA certificate](#)
- Workers Safety Awareness in 4 Steps training certificate ([free of charge, access via link to Ministry of Labour](#))

For more information please review the [BScN Nursing Clinical Requirements \[PDF, 441 KB\]](#) or [BScN Nursing Clinical Requirements \(International\) \[PDF, 1.3 MB\]](#) document.

In years 2, 3 and 4 of the BScN program, students are also required to submit annual mandatory clinical requirements. CPR re-certification, Canadian criminal reference/vulnerable sector check, WHMIS recertification, mask fit, and immunization updates are required annually and are to be completed by August 1st of each year.

Any costs for these tests/certifications will be the responsibility of the applicant. Students who do not comply with the immunization requirements will not be allowed into the clinical practice settings, and as such will not be able to complete the required practicum to graduate from the program.

COVID-19 vaccinations are required for all students in the Bachelor of Science in Nursing, Practical Nursing and Personal Support Worker programs, in order to be permitted to attend clinical hours with the Timmins & District Hospital. Please review the [BScN Nursing Clinical Requirements \[PDF, 441 KB\]](#) or [BScN Nursing Clinical Requirements \(International\) \[PDF, 1.3 MB\]](#) document to ensure you are up-to-date on vaccinations for your clinical requirements.

Clinical partner agencies may choose to create their own policies regarding mandatory student immunization against COVID-19 as a protective measure for residents and patients. Northern College is required to adhere to these policies as a requirement for staff and students attending clinical.

Students are required to submit documentation of receiving COVID-19 vaccination prior to attendance at our partner health care agencies. The health care agencies have confirmed their policies stating that all students are required to be immunized for COVID-19 in order to care for residents and patients. Students who do not meet this requirement will not be permitted to attend clinical hours and will not meet the expectations for the practical component of the program course, which will result in course failure. There will be no exceptions for this requirement. Students must submit a copy of the official documentation for having received these vaccinations. For more information please review the [BScN Nursing Clinical Requirements \[PDF, 441 KB\]](#) or [BScN Nursing Clinical Requirements \(International\) \[PDF, 1.3 MB\]](#) document.

To be eligible for participation in clinical training, the student must not have been convicted of any criminal offence for which they have not been pardoned. An unpardoned criminal record will result in inability to participate in clinical practice courses and could prevent the student from graduating. A criminal record may also impede the student's ability to write the National Registration Exams required for nursing employment in Canada. As of January 1, 2005, the College of Nurses of Ontario (CNO) requires all applicants for registration or reinstatement from within Canada to provide a recent Canadian Police Information Centre Criminal Record Synopsis (CPIC or OESC check) as part of the registration process. The criminal record check registration requirement enhances public protection by allowing CNO to identify those who have criminal records that could affect their suitability to practice nursing.

Students are responsible for the cost of appropriate uniforms and equipment (e.g. stethoscope, watch, etc.) required for the clinical area as well as transportation to/from practicum placements. Although we make every effort to accommodate the student's preference of clinical placement location, students should be aware that they may be placed in a community outside of Timmins, which may entail travel. Students are responsible for arranging transportation to and from clinical agencies, and they are responsible for all associated costs, including any overnight accommodation. Clinical days may include weekends and start/end times will reflect agency hours.

Mask Fit Testing: This program requires that students wear a full-face self-contained breathing air (SCBA) mask and an approved N95 particulate respirator during certain learning situations reflective of safe workplace practice and standards. To successfully complete Mask Fit Testing to wear an SCBA mask and N95 mask, students shall present themselves for fit testing free from interference of hair where the respirator seals to the skin or neck. Students are required to be clean-shaven or have no hair where the mask seals to the skin.

Essential Requirements for Study in Baccalaureate Nursing Programs in Ontario

Do you have the Requisite Skills and Abilities to Practice Nursing in Ontario? The College of Nurses of Ontario (CNO) regulates nurses in Ontario. It issues the license that each nurse must obtain in order to practice. The CNO "is accountable for public protection by ensuring that nurses in Ontario are safe, competent and ethical practitioners" (CNO, 2014). The CNO fulfills its mandate to protect the public interest in several ways. This includes establishing the competencies required for safe, competent, ethical nursing practice, developing and enforcing nursing standards within which all nurses and nursing students must practice, determining whether applicants for registration have the requisite skills and abilities (RSAs) to provide safe, competent, ethical nursing care, and issuing a license to those who meet the CNO's criteria for registration (CNO, 2014).

Legislation in Ontario allows student nurses to practice nursing as part of their educational program. Prior to applying your skills and knowledge in the clinical setting, you will be provided multiple opportunities to practice in the nursing praxis lab. In both lab and placement settings, you must successfully demonstrate that you meet the entry to practice competencies you have been taught, and possess the RSAs necessary to provide safe, competent, ethical nursing care.

Students considering the BScN program should review the College of Nurses of Ontario (CNO) document "[Requisite Skills and Abilities for Nursing Practice in Ontario \[PDF, 180 KB\]](#)", The skills and abilities outlined in this document must be demonstrated in order to become a nurse in Ontario. Applicants who wonder whether or not they have the requisite skills and abilities to be registered as an RN or RPN should contact the CNO to explore the kinds of supports they might require.

The Council of Ontario University Programs in Nursing outlines the [requirements for study \[PDF, 1.20 MB\]](#).

Program Outline 2025-2026

< # >

Disclaimer: Information in this document is correct at the time of publication. Content of programs and courses are revised as needed and/or required. Program outlines and information are subject to changes and may be delivered in different or alternate ways than listed in this document. You are advised to always reach out to Northern College if you have questions related to content on the website or outline publications.

Work Integrated Learning Opportunities

This program includes a clinical placement.

Articulation / Transfer Agreements

A number of articulation agreements have been negotiated with universities and other institutions across Canada, North America and internationally. These agreements are assessed, revised and updated on a regular basis. Please contact the program coordinator for specific details if you are interested in pursuing such an option. Additional information can be found at [Articulation Agreements](#).

GRADUATION REQUIREMENTS

- 25 Nursing Courses
- 3 Science Courses
- 5 Elective Courses
- 1 Academic preparation course

Graduation Eligibility

To graduate with a Bachelor of Science in Nursing, a student must meet all stated degree requirements:

1. Complete all NURS/NS courses including clinical requirements where appropriate with a 60% minimum grade in each
2. Complete all required Science courses with a minimum grade of 60% in each
3. Completion of a minimum grade of 15 credits of electives
4. Achieve a minimum overall average of 60% on all passed courses (only courses approved by Laurentian University are included in the calculation of averages)
5. Complete all NURS/NS courses for the BScN degree within 7 years of the first NURS/NS course.

Graduation Window

Students must complete all nursing, science and elective courses for the BScN degree within 7 years of the first nursing course.

CONTACT INFORMATION

For questions about being admitted into the program, please contact Northern College Admissions at admissions@northern.on.ca or by phone at 705-235-3211 ext. 7222. For questions about the content of the program, contact the Program Coordinator.

Tanya Spencer Cameron BScN, NP-PHC, MSc, CCNE
BScN Collaborative Program Coordinator & Professor
Tel: 705-235-3211 ext. 2124
Email: cameront@northern.on.ca

COURSE DESCRIPTIONS**Semester 1****BN2105 (LU-BIOL2105) Human Anatomy and Physiology**

This two-semester course provides the anatomical knowledge base for all health-related courses. The course describes human anatomy and physiology at the cellular, tissue, organ, and systems levels of organization, using current medical terminology. Aspects of this course will concentrate on clinical applications including causes, signs and symptoms of common diseases, as well as pathological effects of drugs and alcohol.

NS1001 Supporting Academic Success

This five-week course will introduce you to the services that support academic success at Northern College. It will facilitate your transition from writing assignments for high school or other academic programs to writing nursing centered academic papers. It will also build upon basic mathematical concepts that are required for medication calculations, such as fractions, ratios, proportions, decimals, metric conversions, and military time. This course is mandatory and must be successfully completed prior to the commencement of the NS1004 clinical placement.

NS1004 (LU-NURS1004) Nursing Praxis and Professional Caring I

This course introduces the concept of health in nursing. Opportunities are provided to apply the nursing process in multiple educational contexts with an emphasis on safe and ethical care for older adults and families. Learners are required to integrate concurrent learning.

NS1023 (LU-PSYC9110) Developmental Psychology for BScN

This course emphasizes the continuity of development throughout the lifespan. It will focus on the interrelationships among the different stages of the lifespan and among the physical, cognitive, social and personality development. The course will cover the lifespan from the crucial prenatal period through late adulthood, as well as, death and the grieving process. This is a General Education Elective predetermined by the BScN program and may be subject to change.

NS1056 (LU-NURS1056) Professional Growth I

This course focuses on an introduction to the profession of nursing. Opportunities are provided for learners to explore the evolution of nursing and professional standards within a Canadian context. Nursing knowledge is introduced in terms of relationships between theory, practice, and research. Learners are required to integrate concurrent learning.

NS1206 (LU-NURS1206) Relational Practice I

This course focuses on the learner's discovery of self as a nurse and self in relation to others. Opportunities are provided to engage in structured reflection guided by the literature and interaction with others. Emphasis is placed on understanding how select concepts relate to and impact experiences with self and others. Learners are required to integrate concurrent learning.

Semester 2**BN2105 (LU-BIOL2105) Human Anatomy and Physiology**

Continuing from Semester 1, this two-semester course provides the anatomical knowledge base for all health-related courses. The course describes human anatomy and physiology at the cellular, tissue, organ, and systems levels of organization, using current medical terminology. Aspects of this course will concentrate on clinical applications including causes, signs and symptoms of common diseases, as well as pathological effects of drugs and alcohol.

NS1007 (LU-NURS1007) Health and Healing I

This course focuses on developing an understanding of family experiences with chronic health challenges. Opportunities are provided for learners to explore literature related to models of family assessment and chronicity as well as concepts relevant to health and healing. Learners are required to integrate new and prior learning.

NS1094 (LU-NURS1094) Nursing Praxis and Professional Caring II

This course focuses on health assessment of individuals across the lifespan with an emphasis on well adults. Opportunities are provided to apply the nursing process and demonstrate clinical decision-making within a practice setting. Learners are required to integrate new and prior learning.

NS1207 (LU-NURS1207) Relational Practice II

This course introduces therapeutic use of knowledge and skills in relation to others in the context of professional relationships. Opportunities are provided to develop beginning competencies in the establishment of respectful and safe engagement for client-centred care. Learners are required to integrate new and prior learning.

NS3003 (LU-INDG9100) Working With An Indigenous Reality

This course focuses on Indigenous health determinants from an Indigenous perspective with emphasis on:

- The cause and effect relationships from historical policies to current health epidemics.
- Understanding the historical base of Western medicine within a cultural context.
- Developing and applying skills for working with Indigenous people and communities.

This is a General Education Elective predetermined by the BScN program and may be subject to change.

Semester 3**BN2036 (LU-BIOL2036) Microbiology for Health Sciences**

This course is an introduction to microbiology and is offered to students in the Bachelor of Science Nursing program. The topics covered include morphology and structure, classification, microbiology techniques, microbial nutrition, growth, environmental effects on microbes, sterilization and disinfection, host-microbe interactions, antimicrobial chemotherapeutic agents and a survey of common infectious diseases.

BN2220 (LU-CHMI2220) Clinical Chemistry

This two-semester course is designed to develop nursing students' understanding of the relationship between disease, the underlying biochemical causes and the methodology for diagnosis.

NS1033 (LU-PSYC9200) Abnormal Psychology for BScN

This course examines various perspectives of abnormal psychology. We seek to understand the nature, causes, and treatment of abnormal behaviour. Several theoretical viewpoints will frame our discussion of abnormal psychology. The patterns of abnormal (maladaptive) behaviour to be examined are: behaviour and emotional disorders of childhood and adolescence, eating disorders, substance-related disorders, anxiety disorders, dissociative and somatoform disorders, personality disorders, mood disorders, and schizophrenia. Students will also study treatment strategies and mental health law in Canada. This is a General Education Elective predetermined by the BScN program and may be subject to change.

NS2006 (LU-NURS2006) Health and Healing II

This course focuses on the nurse's role in meeting the health care needs of generative families. Opportunities are provided to develop an understanding of human growth and development and nursing care of the perinatal, newborn, and pediatric client. Learners are required to integrate new and prior learning.

NS2084 (LU-NURS2084) Nursing Praxis and Professional Caring III

This course focuses on the application of integrated pharmacological knowledge and interventions within nursing process. Opportunities are provided to develop caring practice with patients experiencing health challenges. Learners are required to integrate new and prior learning.

Semester 4**BN2220 (LU-CHMI2220) Clinical Chemistry**

Continuing from Semester 3, this two-semester course is designed to develop nursing students' understanding of the relationship between disease, the underlying biochemical causes and the methodology for diagnosis.

NS2057 (LU-NURS2057) Professional Growth II

This course focuses on complex issues inherent in the delivery of nursing care from a Canadian perspective. Opportunities are provided for learners to examine moral, professional, ethical, and legal nursing knowledge in relation to current practice. Learners are required to integrate new and prior learning.

NS2107 (LU-NURS2107) Health and Healing III

This course focuses on human pathophysiology. Opportunities are provided to translate knowledge of such science to inform nursing practice. Learners are required to integrate new and prior learning.

NS2144 (LU-NURS2144) Nursing Praxis and Professional Caring IV

This course focuses on experiences with healing in relation to complex health challenges. Opportunities are provided to apply the nursing process, demonstrate pattern recognition, increase self-directedness, and participate in delivery of comprehensive care of patients. Learners are required to integrate new and prior learning.

Semester 5**NS3005 (LU-NURS3005) Health and Healing IV**

This two-semester course focuses on concepts, principles, frameworks and standards of practice relevant to the community health nursing context in Canada. Opportunities are provided to engage in community health assessment and program planning with emphasis on health promotion. Learners are required to integrate new and prior learning.

NS3056 (LU-NURS3056) Professional Growth III

This course focuses on the examination of teaching and learning theory and methods. Through critical reflection, learners explore current evidence, beliefs, and values as they apply the teaching and learning process. Opportunities are provided to experience teaching and learning in the context of health promotion and protection. Learners are required to integrate new and prior learning.

NS3084 (LU-NURS3084) Nursing Praxis and Professional Caring V

This course focuses on health promotion and protection within the context of physiological, psychological, psychosexual, emotional, social, cultural, and spiritual health. Opportunities are provided to explore health and healing in relation to health-care delivery. Learners are required to integrate new and prior learning.

NS3206 (LU-NURS3206) Practice III

This course advances the development of empirical, theoretical, and experiential relational praxis. Opportunities are provided to demonstrate advanced relational competencies to establish, maintain and bring

closure to professional relationships in challenging circumstances. Learners are required to integrate new and prior learning.

NS3406 (LU-NURS3406) Nursing Inquiry and Praxis I

This course focuses on the introduction of the foundations of nursing knowledge including philosophical, theoretical, and scientific underpinnings. Opportunities are provided to describe inter-relationships between theory and research grounded in clinical practice. Learning experiences require integration of new and prior learning.

Semester 6**BN2033 (LU-ARTS9101) Popular Nutrition**

In this course, students will gain an understanding of the principles of nutrition in wellbeing through the critical appraisal of popular nutrition trends. Students will first be introduced to the basic function of nutrients in relation to health promotion and disease prevention then apply this knowledge through assessing the evidence for, and efficacy of, popular nutrition trends. Students will also apply knowledge of healthy nutrient use, exercise and weight principles in supporting achievement and maintenance of health.

This course will provide an overview of basic nutrition principles such as:

- Characteristics of macro and micro nutrients and their influence on human health and disease
- Evidence based nutrition recommendations for prevention and treatment of chronic disease
- Research skills and critical appraisal of popular nutrition trends.

This is a General Education Elective predetermined by the BScN program and may be subject to change.

NS3005 (LU-NURS3005) Health and Healing IV

Continuing from Semester 5, this two-semester course focuses on concepts, principles, frameworks and standards of practice relevant to the community health nursing context in Canada. Opportunities are provided to engage in community health assessment and program planning with emphasis on health promotion. Learners are required to integrate new and prior learning.

NS3066 (LU-NURS3066) Professional Growth IV

This course focuses on the social construction of health inequities. Opportunities are provided to critically examine health outcomes of power inequities at the level of the individual, family, community, and professionally. Learners are required to integrate new and prior learning.

NS3094 (LU-NURS3094) Nursing Praxis and Professional Caring VI

This course focuses on health promotion and health protection within the context of diverse aggregates. Opportunities are provided to further explore health and healing in relation to health-care delivery. Learners are required to integrate new and prior learning.

NS3416 (LU-NURS3416) Nursing Inquiry and Praxis II

This course focuses on traditions of quantitative and qualitative nursing inquiry. Opportunities are provided to initiate nursing research praxis through the critical appraisal of published evidence. Learners are required to integrate new and prior learning.

Semester 7**NS2003 (LU-PSYC2006) Child & Adolescent Psychopathology**

Health care professionals are likely to encounter children and youth experiencing a range of mental health concerns in their practice. A critical understanding of what is meant by the term mental health and knowledge of the mental disorders as defined by the DSM and knowledge of medical and psychosocial interventions for those disorders can position the health care practitioners as stronger advocates and better care providers for children, youth, and their families and caregivers. This course also will assist in enhancing the students' mental health literacy in order to better position them as informed contributors to, and advocate for, young people's mental health and mental health care. Students will explore beliefs and attitudes that may influence the health care practitioners ability to provide care and support and to participate as integral members of an interprofessional mental health care team. This is a General Education Elective predetermined by the BScN program and may be subject to change.

NS4084 (LU-NURS4084) Nursing Praxis and Professional Caring VII

This course focuses on critical examination of nursing knowledge related to complex health challenges. Opportunities are provided to identify, appraise, and integrate relevant nursing knowledge to understand praxis. Learning experiences require the integration of new and prior learning.

NS4156 (LU-NURS4056) Professional Growth V

This course focuses on the critical examination of complex nursing practice issues. Opportunities are provided for learners to reflect upon their development as novice practitioners informed by evidence and standards of practice. Learners are required to integrate new and concurrent learning.

NS4206 (LU-NURS4206) Relational Practice IV

This course focuses on the development of relational praxis including emerging health care trends and associated nursing responsibilities. Opportunities are provided to critically examine and appraise intraprofessional, interprofessional, and intersectoral relationships for client-centered care. Learners are required to integrate new and prior learning.

NS4416 (LU-NURS4416) Nursing Inquiry and Praxis III

This course focuses on promoting critical rationality in relation to selected topics for nursing inquiry. Opportunities are provided to systematically examine a current nursing issue through the theoretical application of methodological and ethical knowledge. Learners are required to integrate new and prior learning.

Semester 8**NS4094 (LU-NURS4094) Nursing Praxis and Professional Caring VIII**

This course focuses on the critical integration of theoretical, empirical, ethical, and professional knowledge. Opportunities are provided to demonstrate competent, safe, ethical, and evidence-informed practice as learners transition toward the role of a novice practitioner. Learning experiences require the integration of new and prior learning.

NS4157 (LU-NURS4057) Professional Growth VI

This course focuses on the examination of the underpinnings of leadership in promoting and maintaining high quality health care services. Opportunities are provided for learners to explore ongoing and potential changes within the practice setting. Learners are required to integrate new and concurrent learning.