

Area of Interest: Health Sciences

Bachelor of Science in Nursing

Degree

Program Code: 0616X01FWO

4 Years

Ottawa Campus

Our Program

Contribute to excellence in patient care.

The collaborative Bachelor of Science in Nursing degree program helps you develop the skills to enter the field of nursing. This program prepares you to take on the role of Registered Nurse - offering quality care in the healthcare system.

In this program, you experience classroom, laboratory and clinical learning in a wide variety of settings. Key program outcomes include developing critical thinking and communication skills, as you become a professional nurse who solves problems as part of healthcare teams.

This is a four-year program offered in collaboration with the University of Ottawa. You experience both theoretical and applied courses that help you succeed. You may choose to study at either:

- University of Ottawa
- Algonquin College (Ottawa Campus)
- Algonquin College (Pembroke Campus)

Regardless of the location chosen, all successful students graduate with a BScN from the University of Ottawa. Graduates are eligible to write the NCLEX to become a Registered Nurse in Canada. As a graduate, you contribute to the development of nursing as an art and as a science. Following graduation, you may pursue graduate studies.

BScN graduates are in high demand and may work in hospitals, community health agencies, long-term care facilities, private practice and a variety of other settings across Canada and around the world.

SUCCESS FACTORS

This program is well-suited for students who:

- Enjoy the challenges of working with people of all ages, developmental stages and diverse backgrounds.
- Possess excellent communication and interpersonal skills.
- Like working with others as a member of a team or in a leadership role.
- Have strong problem-solving and analytical skills.
- Are dedicated advocates for patients, families and health care providers.
- Are able to engage with physically, biologically, psychologically, and socially demanding situations.
- Are mature, flexible and accepting.

Employment

Employment settings: hospitals, rehabilitation centres, long-term care, public health departments,

community agencies, home care, schools, private industry, government, developing countries and disaster-relief areas.

The legislated Scope of Practice for nurses from the College of Nurses of Ontario is: The practice of nursing is the promotion of health, and the assessment of, the provision of care for, and the treatment of health conditions by supportive, preventive, therapeutic, palliative and rehabilitative means in order to attain or maintain optimal function (Nursing Act 1991, as cited in CNO 2020).

Graduates must be registered by the College of Nurses of Ontario in order to practice in Ontario.

Program of Study

Level: 01	Courses	Hours
ANP1105	Human Anatomy and Physiology 1	39.0
ENG1100C	Workshop in Essay Writing	39.0
HSS1101	Determinants of Health	39.0
NSG1001	BSCN Elective Level 1	39.0
PSY1101	Introduction to Psychology: Foundations	39.0
Level: 02	Courses	Hours
ANP1106	Human Anatomy and Physiology II	39.0
ANP1107	Human Anatomy and Physiology III	39.0
HSS1100	Microbiology and Immunology	39.0
NSG2001	BSCN Elective Level 2	39.0
PHI1370	Philosophical Issues in Healthcare	39.0
Level: 03	Courses	Hours
HSS2381	Quantitative Methods in Health Sciences I	42.0
NSG2113C	Introduction to Nursing Science (C)	39.0
NSG2317L	Health Assessment (Lab)	33.0
NSG2317T	Health Assessment (Theory)	26.0
PHS3300	Pathophysiology	39.0
PSY2114	Lifespan Psychology	39.0
Level: 04	Courses	Hours
NSG2313L	Introduction to Nursing Practice (L)	37.0
NSG2313P	Introduction to Nursing Practice (P)	80.0
NSG3301	Research in Nursing	39.0
NSG4400	BSCN Elective Level 4	39.0
NSG4401	BSCN Elective Level 4	39.0
PHA3112	Clinical Pharmacology	39.0

Level: 05	Courses	Hours
NSG3107	Family-Centered Care of Children with Acute and Chronic Illness	39.0
NSG3111	Care of the Childbearing Family	39.0
NSG3127	Nursing Professionalism and Ethics	39.0
NSG3307L	Practicum: Family-Centered Care of Children with Acute and Chronic Illness	21.0
NSG3307P	Practicum: Family-Centered Care of Children with Acute and Chronic Illness	96.0
NSG3311L	Practicum: Childbearing Family (L)	24.0
NSG3311P	Practicum: Childbearing Family	96.0
Level: 06	Courses	Hours
NSG3103C	Theory in Nursing	39.0
NSG3105	Care of Adults Experiencing Illness	39.0
NSG3137L	Practicum: Mental Health Nursing (Lab)	21.0
NSG3137P	Practicum: Mental Health (P)	96.0
NSG3305L	Practicum: Care of Adults Experiencing Illness (Lab)	21.0
NSG3305P	Practicum: Care of Adults Experiencing Illness	96.0
NSG3320	Mental Health Nursing	39.0
Level: 07	Courses	Hours
NSG3123	Community Health Nursing	39.0
NSG3323P	Practicum: Community Health Nursing	117.0
NSG4330	Complex Nursing Care	39.0
NSG4430L	Practicum: Complex Nursing Care (L)	39.0
NSG4430P	Practicum: Complex Nursing Care	195.0
Level: 08	Courses	Hours
NSG4134A	Political and Economic Contexts of Health Care	39.0
NSG4245	Practicum: Consolidation	351.0
SAI4120	Inter-Professional Health Care Practice	39.0

Fees for the 2023/2024 Academic Year

For information about fees, please see the University of Ottawa website at <https://www.uottawa.ca/university-fees/>.

Students should budget for additional costs to cover nursing uniforms, shoes, stethoscope and travel including parking at clinical agencies during their practicum experiences. Students are required to take Gentle Persuasive Approach (GPA) as a part of NSG2113, and the cost of the materials for this course is approximately \$40. Students are required to register and pay for a Non-Violent Crisis Intervention course for NSG3137P, and the cost of this course is approximately \$250.

Much of the program of study requires the use of online resources and a computer at home. Books and supplies can be purchased at the Campus store.

Refer to the College of Nurses of Ontario (CNO) web site at <http://www.cno.org/en/become-a-nurse/> for registration and examination fees for the NCLEX-RN and jurisprudence examinations.

Admission Requirements for the 2024/2025 Academic Year

Program Eligibility

- Admissions for this program is assessed by the University of Ottawa. Please refer to the following link for admissions information: <https://www.uottawa.ca/undergraduate-admissions/ontario-secondary-schools> .
- Mature students please refer to the University of Ottawa mature student information in the following link: <https://www.uottawa.ca/study/undergraduate-studies/other-applicants>
- Applications for this program must be submit online at <http://www.ouac.on.ca/applications> .

Admission Requirements for 2023/2024 Academic Year

Program Eligibility

- Admissions for this program is assessed by the University of Ottawa. Please refer to the following link for admissions information: <https://www.uottawa.ca/undergraduate-admissions/ontario-secondary-schools> .
- Mature students please refer to the University of Ottawa mature student information in the following link: <http://www.registrar.uottawa.ca/Default.aspx?tabid=4595>
- Applications for this program must be submitted online at <http://www.ouac.on.ca/applications> .

Application Information

BACHELOR OF SCIENCE IN NURSING **Program Code 0616X01FWO**

Application for admission to an Ontario University for Ontario Secondary School students - For applicants presently registered full-time in an Ontario high school, this application is available only at Ontario high schools.

Application for admission to an Ontario University - For applicants who wish to apply to an undergraduate program for full-time studies and who have never taken courses at University of Ottawa, this application is available online at <http://www.ouac.on.ca/> form 105D and is used by all Canadian, permanent residents and all others who live in Canada.

Application for admission to an Ontario University - International applicants - For non-Canadian applicants outside Canada who are applying to an undergraduate program for full-time studies, this application is available online at <https://www.uottawa.ca/study/international-students> ..

Canadians outside the country use <http://www.ouac.on.ca/> form 105D.

For further information regarding admissions, contact the InfoAdmission department at the University of Ottawa at 613-562-5315 or toll free at 1-877-868-8292 ext. 5315 or <mailto:admissions@uottawa.ca> .

Additional Information

This Full-time program is offered on the Woodroffe and Pembroke Campuses, as well as the University of Ottawa Campus.

Note 1: The program highly recommends all prospective students review the Fact Sheet Requisite Skills and Abilities for Nursing Practice in Ontario available at the College of Nurses of Ontario website at <http://www.cno.org/Global/docs/reg/41078SkillAbilities4pager-Final.pdf> . The document describes reasonable skill and ability requirements for entry level practice in Ontario and includes examples of activities expected of a student once they become an RN and enter into typical entry-

level nursing practice.

Note 3: Clinical placements receive large numbers of health science students and there are times during your program of study that require you to attend evening and weekend clinical experiences. In some cases clinical placement occurs during the University study break. Clinical placements may be within the city or the region and students may be required to travel accordingly.

Note 4: Students who have been out of clinical practice for six months or more must successfully complete a clinical update program before they can proceed to a practicum course. An additional course fee applies.

Note 5: In order to meet the suitability to practice requirements of the College of Nurses of Ontario, an applicant has to provide a clear original Canadian Police Information Centre Criminal Records Check that has been completed in the last six months. If you don't meet this requirement then your application may be referred to the Registration Committee for further consideration, with no guarantee that it will be approved.

For more information on the requirements to become a practicing RN/RPN, go to the College of Nurses of Ontario website at <http://www.cno.org/en/become-a-nurse>.

Contact Information

Program Coordinator(s)

- Michelle Morley, <mailto:morleym@algonquincollege.com>, 613-727-4723, ext. 5339

Course Descriptions

ANP1105 Human Anatomy and Physiology 1

An introduction to tissue and cell morphology, biochemistry of the cell and physiological concepts including diffusion, osmosis and membrane transport mechanisms. Anatomy and physiology of cardiovascular, blood, lymphatic and respiratory systems. Introduction to the control mechanisms: concepts of homeostasis, nervous and endocrine systems. (3 Credits). Prerequisites: OAC or 4U biology. (Previously ANP1101 and ANP1303).

Prerequisite(s): none

Corerequisite(s):none

ANP1106 Human Anatomy and Physiology II

Anatomy of the skeleton, including the axial and appendicular skeleton. Anatomy and physiology of skeletal muscles of the trunk and limbs. Anatomy and physiology of the nervous system including receptors, the sensory and motor pathways, the lower and higher functions of the central nervous system (3 credits). Previously ANP1102. Prerequisites OAC or 4U biology.

Prerequisite(s): none

Corerequisite(s):none

ANP1107 Human Anatomy and Physiology III

Anatomy and physiology of the endocrine regulation of metabolism, the digestive system, the reproductive system, and the urinary system; acid/base and water balance. (3 credits) Previously ANP1304. Prerequisites OAC or 4U biology.

Prerequisite(s): none

Corerequisite(s):none

ENG1100C Workshop in Essay Writing

Intensive practice in academic essay writing. Emphasis on grammatical and well-reasoned expository writing, essay organization, preparation of research papers and proper acknowledgment of sources. Frequent written exercises and development of composition skills. Use of Writing Centre resources required outside regular class hours. (3 credits)

Prerequisite(s): none
Corerequisite(s):none

HSS1100 Microbiology and Immunology

This course provides a foundation of infectious diseases. Basic microbiology, virology and immunology will be introduced within an interdisciplinary health context. (Previously BAC2100) (3 credits)

Prerequisite(s): none
Corerequisite(s):none

HSS1101 Determinants of Health

Introduction to Health Sciences including models and concepts of health and wellness, illness and disease. Biological, psychobehavioural, socio-political and environmental determinants of health will be examined. (3 credits)

Prerequisite(s): none
Corerequisite(s):none

HSS2381 Quantitative Methods in Health Sciences I

Introduction to measurement and data analysis in health sciences. Use of computer applications to analyze, manage and present scientific data. Focus on application of such concepts as central tendency, variability, measuring association and testing hypotheses, within the health sciences. (3 credits)

Prerequisite(s): none
Corerequisite(s):none

NSG1001 BSCN Elective Level 1

A course from another program of study which is approved by the Nursing department as an appropriate elective for the BScN program. (3 credits)

Prerequisite(s): none
Corerequisite(s):none

NSG2001 BSCN Elective Level 2

A course from another program of study which is approved by the Nursing department as an appropriate elective for the BScN program. (3 credits)

Prerequisite(s): none
Corerequisite(s):none

NSG2113C Introduction to Nursing Science (C)

Introduction to the discipline of nursing and to the profession in the Canadian healthcare context. Focus on concepts related to nursing science, as well as professional nursing roles and responsibilities in primary healthcare. Prerequisite: 24 university credits including ANP1105, ANP1106, ANP1107 or admission to second entry program. Previously NSG1100, NSG1120.

Prerequisite(s): none
Corerequisite(s):none

NSG2313L Introduction to Nursing Practice (L)

Health assessment of individuals in simulation environments and selected health care settings.

Selection, implementation and evaluation of individualized health promotion interventions across the lifespan. (Previously NSG1135.)

Prerequisite(s): NSG2113C and NSG2317L and NSG2317T

Corerequisite(s):NSG2313P

NSG2313P Introduction to Nursing Practice (P)

Health assessment of individuals in simulation environments and selected health care settings. Selection, implementation and evaluation of individualized health promotion interventions across the lifespan. (Previously NSG1135.)

Prerequisite(s): NSG2113C and NSG2317L and NSG2317T

Corerequisite(s):NSG2313L

NSG2317L Health Assessment (Lab)

Principles and application of holistic health assessment. Emphasis in norms and risk factors for children, adult and seniors. Clinical practice in simulation environment. Prerequisites: 24 university credits including ANP1105, ANP1106, ANP1107 or admission to the nursing second entry program (previously NSG1315, NSG1316).

Prerequisite(s): none

Corerequisite(s):none

NSG2317T Health Assessment (Theory)

Principles and application of holistic health assessment. Emphasis in norms and risk factors for children, adult and seniors. Clinical practice in simulation environment. Theory. Prerequisites: 24 university credits including ANP1105, ANP1106, ANP1107 or admission to the nursing second entry program. (Previously NSG1315, NSG1316.)

Prerequisite(s): none

Corerequisite(s):none

NSG3103C Theory in Nursing

Theory structure, evaluation, philosophical underpinnings and use in explaining phenomena of interest to the discipline are explored. A variety of theories and models, as well as their relevance and implications for nursing practice are emphasized throughout the course. (3 credits)

Prerequisite(s): NSG2113C and PHI1370

Corerequisite(s):none

NSG3105 Care of Adults Experiencing Illness

Concepts and principles for nursing care of adults experiencing acute and chronic illnesses with stable or predictable outcomes, across health care settings and throughout the care continuum. (3 credits)

Prerequisite(s): NSG2113C and NSG2313L and NSG2313P and PHA3112 and PHS4300

Corerequisite(s):NSG3305L and NSG3305P

NSG3107 Family-Centered Care of Children with Acute and Chronic Illness

Concepts and principles of nursing care of children with acute and chronic illness. Emphasis on family-centered care, assessment and nursing management of children at home and across health care settings. (Previously NSG3131, NSG3132) (3 credits)

Prerequisite(s): NSG2113C and NSG2313L and NSG2313P and PHA3112 and PHS4300

Corerequisite(s):NSG3307L and NSG3307P

NSG3111 Care of the Childbearing Family

Theoretical and research-based nursing care of childbearing families in hospital, home and community settings. Emphasis on maternal-infant care in situations of normality and risk. Concepts include family-centered perinatal health care, transitions to parenthood, family adaptation, coping and resources. (3 credits). (Previously NSG2301).

Prerequisite(s): NSG2113C and NSG2313L and NSG2313P and PHA3112 and PHS4300
Corerequisite(s): NSG3311L and NSG3311P and NSG3311S

NSG3123 Community Health Nursing

Introduction to theory, principles and practice of community health nursing, including health promotion, maintenance, prevention and epidemiology. Encompasses community-based assessment, planning, intervention and evaluation with individuals, families and communities-as clients. (3 credits)

Prerequisite(s): NSG2113C and NSG2313L and NSG2313P
Corerequisite(s): NSG3323P

NSG3127 Nursing Professionalism and Ethics

Scope and standards of nursing practice. In-depth examination of ethical and legal practice situations and dilemmas. Emphasis on values clarification, professional image, professional socialization and inter-professional practice. (3 credits)

Prerequisite(s): NSG2113C and NSG2313L and NSG2313P
Corerequisite(s): none

NSG3137L Practicum: Mental Health Nursing (Lab)

Care of individuals with mental health issues. Application of therapeutic interaction, relationship skills, family assessment and support in simulation environments and healthcare settings. Lab portion.

Prerequisite(s): NSG2313L and NSG2313P
Corerequisite(s): NSG3137P and NSG3320

NSG3137P Practicum: Mental Health (P)

Care of individuals with mental health issues. Application of therapeutic interaction, relationship skills, family assessment and support in simulation environments and healthcare settings. (3 credits, includes NSG3137L).

Prerequisite(s): NSG2313L and NSG2313P
Corerequisite(s): NSG3137L and NSG3320

NSG3301 Research in Nursing

Introduction to nursing research paradigms and nursing research methodologies. Selection of research relevant to nursing practice. Introduction to critical appraisal of published nursing research studies. Strategies for knowledge transfer. (3 credits) Prerequisites or corequisites: HSS2381 (Previously NSG3302.) Courses NSG3301 and HSS3101 cannot be combined for credits.

Prerequisite(s): HSS2381
Corerequisite(s): none

NSG3305L Practicum: Care of Adults Experiencing Illness (Lab)

Clinical practice focused on care of adults, experiencing acute and chronic illnesses with stable or predictable outcomes, throughout the care continuum and across settings (simulation and healthcare). Lab portion.

Prerequisite(s): NSG2317L and NSG2317T
Corerequisite(s): NSG3105 and NSG3305P

NSG3305P Practicum: Care of Adults Experiencing Illness

Clinical practice focused on care of adults, experiencing acute and chronic illnesses with stable or predictable outcomes, throughout the care continuum and across settings (simulation and healthcare). Practicum portion. (3 credits includes NSG3305L)

Prerequisite(s): NSG2317L and NSG2317T
Corerequisite(s): NSG3105 and NSG3305L

NSG3307L Practicum: Family-Centered Care of Children with Acute and Chronic Illness

Family-centered care of children experiencing acute and chronic illness. Practice in healthcare and simulation settings. Lab portion. (Previously NSG3135 and NSG3136).

Prerequisite(s): NSG2313L and NSG2313P
Corerequisite(s): NSG3107 and NSG3307P

NSG3307P Practicum: Family-Centered Care of Children with Acute and Chronic Illness

Family-centered care of children experiencing acute and chronic illness. Practice in healthcare and simulation settings. Practicum portion. (3 credits includes NSG3307L)

Prerequisite(s): NSG2313L and NSG2313M and NSG2313P
Corerequisite(s): NSG3107 and NSG3307L

NSG3311L Practicum: Childbearing Family (L)

Nursing care of childbearing families in different settings, such as hospitals, public health, community-based agencies, home, or simulation environments. Lab portion. (Previously NSG2135, NSG2136)

Prerequisite(s): NSG2317L and NSG2317T
Corerequisite(s): NSG3111 and NSG3311P and NSG3311S

NSG3311P Practicum: Childbearing Family

Nursing care of childbearing families in different settings, such as hospitals, public health, community-based agencies, home, or simulation environments. Practicum portion. (3 credits includes NSG3311L and NSG3311S).

Prerequisite(s): NSG2317L and NSG2317T
Corerequisite(s): NSG3111 and NSG3311L and NSG3311S

NSG3320 Mental Health Nursing

Theoretical foundations of the nursing care of individuals with mental health issues and mental disorders. Emphasis is placed on the development of therapeutic communication skills and relationships, family support and community resources. (3 credits)

Prerequisite(s): NSG2113C and NSG2313L and NSG2313P
Corerequisite(s): NSG3137P and NSG3137W

NSG3323P Practicum: Community Health Nursing

Nursing practice with individuals, families, and communities-as-client in a variety of community health nursing roles and settings. Emphasis on community engagement, partnership, and working in collaboration to assess, plan, implement and evaluate community health interventions. (3 credits)

Note that NSG3323P (practicum) includes NSG3323L (labs).

Prerequisite(s): NSG2313L and NSG2313P

Corerequisite(s): NSG3123

NSG4134A Political and Economic Contexts of Health Care

Historic, political, social and economic influences of nursing practice. Leadership and change theories are analyzed and strategies to influence policy and foster change in the healthcare system are examined. (3 credits) Prerequisites: 12 credits of NSG courses at the 3000 level and above.

Prerequisite(s): none

Corerequisite(s): none

NSG4245 Practicum: Consolidation

Promotes transition from student to beginning practitioner role through intensive practice in a selected practice area of interest to the student. Final clinical course emphasizing integration and synthesis of previously acquired knowledge and skill, and application of theory and research to nursing practice. (9 credits)

Prerequisite(s): NSG4330 and NSG4430L and NSG4430P

Corerequisite(s): none

NSG4330 Complex Nursing Care

Focus on an in-depth examination of complex nursing practice situations with selected populations. Exploration of the independent and interdependent nursing roles in the care of individuals/groups/communities with complex needs. (3 credits) Prerequisite and/or Corequisites: NSG3123.

Prerequisite(s): NSG3105 and NSG3107 and NSG3111 and NSG3320

Corerequisite(s): none

NSG4400 BScN Elective Level 4

A course from another program of study which is approved by the Nursing department as an appropriate elective for the BScN program. (3 credits)

Prerequisite(s): none

Corerequisite(s): none

NSG4401 BScN Elective Level 4

A course from another program of study which is approved by the Nursing department as an appropriate elective for the BScN program. (3 credits)

Prerequisite(s): none

Corerequisite(s): none

NSG4430L Practicum: Complex Nursing Care (L)

Nursing practice in complex care situations with individuals, groups and/or communities. Nursing management of complex health, family, community or social issues in community, primary or tertiary care settings. Prerequisite and/or corequisite NSG3323P, NSG3323L (courses may have been taken in previous levels).

Prerequisite(s): NSG3137P and NSG3137W and NSG3305L and NSG3305P and NSG3307L and NSG3307P and NSG3311L and NSG3311P and NSG3311S

Corerequisite(s): NSG4330 and NSG4430P

NSG4430P Practicum: Complex Nursing Care

Nursing practice in complex care situations with individuals, groups and/or communities. Nursing management of complex health, family, community or social issues in community, primary or tertiary care settings. (6 credits - Note that NSG4430P includes NSG4430L). Prerequisite and/or corequisite NSG3323P, NSG3323L (courses may have been taken in previous levels).

Prerequisite(s): NSG3137P and NSG3137W and NSG3305L and NSG3305P and NSG3307L and NSG3307P and NSG3311L and NSG3311P and NSG3311S

Corerequisite(s): NSG4330 and NSG4430L

PHA3112 Clinical Pharmacology

This course is a comprehensive study of drugs with instruction on their action on the human organism, as well as their toxicities and their method of administration. Particular emphasis is placed on the observations incumbent on nurses and problems of drug administration. (3 credits)

Prerequisite(s): ANP1105 and ANP1106 and ANP1107

Corerequisite(s): none

PHI1370 Philosophical Issues in Healthcare

Basic philosophical questions and theories about the nature of human beings and the meaning of life. Special emphasis on how such questions arise in the context of the healthcare professions. Readings from classical and contemporary sources. (3 credits)

Prerequisite(s): none

Corerequisite(s): none

PHS3300 Pathophysiology

Etiology of disease states, causes and mechanisms of pathology, preventive measures and corrective therapies. (3 credits) Prerequisites: ANP1105, ANP1106, and ANP1107.

Prerequisite(s): none

Corerequisite(s): none

PSY1101 Introduction to Psychology: Foundations

Object and method of psychology. Historical perspective. Nervous system, consciousness. Sensory processes, perception, cognition, memory, language and thought. Emotions, motivation. Learning. (Previously PSY1200) (3 credits)

Prerequisite(s): none

Corerequisite(s): none

PSY2114 Lifespan Psychology

Developmental psychology from birth to old age. (3 credits) The courses PSY2114, PSY2105 cannot be combined for credits. Course reserved for students registered in Nursing and Occupational Therapy and Biomedical Sciences.

Prerequisite(s): PSY1101

Corerequisite(s): none

SAI4120 Inter-Professional Health Care Practice

Examination of clinical situations using case-based scenarios in inter-professional groups in class and simulation environments. Emphasis is on identifying concepts and practicing competencies for inter-professional team work. Links to improved patient safety and clinical outcomes. (previously HSS4120) (3 credits) Prerequisites: 81 university credits.

Prerequisite(s): none

Corerequisite(s): none

