

Area of Interest: Health Sciences

## Honours Bachelor of Science in Nursing - Bridging Pathway

College Certificate

Program Code: 3019X01FWO

13 Weeks

Ottawa Campus

### Our Program

#### Advance your nursing career.

The Honours Bachelor of Science in Nursing - Bridging Pathway program is a collaborative program between Algonquin College and the University of Ottawa. This program is designed for Registered Practical Nurses with a Diploma from an Ontario College who meet the specified program requirements and who wish to upgrade their education to become a degree-prepared Registered Nurse.

In this program, you will experience classroom, laboratory, and clinical learning in a variety of settings. Key program outcomes include developing critical thinking and communication skills, as you work towards becoming a professional Registered Nurse who contributes crucial skills as part of a healthcare team.

This is a six-semester program offered in collaboration with the University of Ottawa. In the first two semesters, students will take six pre-determined courses, then complete the third and fourth years of the degree program (two semesters per year, four semesters total). This program is available at the Algonquin College Ottawa -Woodroffe and Pembroke Campuses.

Successful students will graduate from the University of Ottawa with an Honours Bachelor of Science in Nursing degree.

Those studying at Algonquin College Ottawa-Woodroffe campus will split their first six courses between the University of Ottawa and Ottawa-Woodroffe campuses and complete Year 3 and Year 4 courses at the Algonquin College Ottawa-Woodroffe campus. Those studying at the Algonquin College Pembroke campus will take all their courses in Pembroke throughout the program.

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 can contribute to the development of nursing as an art and 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.

### Program of Study

Level: 01	Courses	Hours
HSS1100	Microbiology and Immunology	39.0
HSS2382	Quantitative Methods in Health Sciences	39.0
NSG2105	Transition to the Role of the Registered Nurse	39.0
NSG3301	Research in Nursing	39.0

PHA3112	Clinical Pharmacology	39.0
PHI1370	Philosophical Issues in Healthcare	39.0

## **Fees for the 2025/2026 Academic Year**

Tuition and related ancillary fees for this program are managed through the University of Ottawa and can be found at

<https://www.uottawa.ca/study/fees-financial-support/university-fees>

Fees are subject to change.

Additional program related expenses include:

Books cost approximately \$130.

## **Admission Requirements for the 2026/2027 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/en/contact>

Applications for this program must be submitted online at:

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## **Additional Information**

All applicants must attend an information session within 6 months prior to the application deadline, meet the program eligibility requirements and submit the following:

- a completed program application form
- an official transcript from PN Ontario College Diploma program, or equivalent
- official transcripts from all Canadian and international post-secondary education: (SBI4U- 65% minimum grade; SCH4U - 65% minimum grade; MCF3M or any 4U math - 65% minimum grade)\*
- transcripts to provide evidence of high school pre-requisite completion
- proof of current registration as a RPN (in Ontario)
- proof of employment status as a Diploma RPN

- proof of 900 hours of practice at the RPN scope of practice
- admission essay (personal statement) outlining how the applicant has demonstrated full scope of practice as per College of Nurses of Ontario-Entry to Practice Competencies for Registered Practical Nurses

Applications for Winter term admission received by October 1st will be given equal consideration. Applications received after October 1st will be processed on a first-come first-served basis as long as places are available.

\*Graduates of the Algonquin College pre-nursing program are given equivalence to all three pre-requisites provided they achieve the minimum averages (as noted above).

## Contact Information

### Program Coordinator(s)

- Dr. Susan Eldred, <mailto:eldreds@algonquincollege.com> , 613-727-4723 ext. 5065

## Course Descriptions

### HSS1100 Microbiology and Immunology

This course is designed to lay a coherent foundation of theoretical and practical knowledge for sound nursing practice in relation to infectious diseases and immunology. The course will include: Basic Microbiology: the nature of bacteria, their habitats, cultivation, and identification; sterilization, disinfections, and the principles of aseptic technique; major bacterial groups and their importance in medical and nursing practice, and the problems they present. Immunology: Principles of immunity and the theory and practice of immunization. The development of a healthy immune system, allergies and autoimmune diseases. (Previously BAC2100). (3 credits)

Prerequisite(s): none

Corerequisite(s):none

### HSS2382 Quantitative Methods in Health Sciences

Introduction to analysis of categorical variables. Applications of both descriptive and inferential statistics to integrative health biosciences, behavioural and clinical data. Use of computer applications to analyze, manage and present scientific data. Emphasis on probability, hierarchical loglinear analysis and logistic regression.

Prerequisite(s): none

Corerequisite(s):none

### NSG2105 Transition to the Role of the Registered Nurse

Theoretical foundations and concepts related to role differentiation between Practical Nurse and Registered Nurse. Introduction to Registered Nurse competencies and examination of knowledge and skills needed for practice. Course component: Lecture

Prerequisite(s): none

Corerequisite(s):none

### 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). Prerequisite or corequisite: HSS2381 (Previously NSG3302). Courses NSG3301 and HSS3101 cannot be combined for credits.

Prerequisite(s): none

Corerequisite(s):none

**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): none

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. Learning material will include both text-based and online sources. (3 credits)

Prerequisite(s): none

Corerequisite(s):none