centennialcollege.ca

DEGREE

PROGRAMS

Bachelor of Applied Information Sciences (Computer and Communication Networks)

CENT Code: 0101
4 years/8 semesters
Credential: Bachelor of Applied Information Sciences Degree (BAISc)
Start: Fall
Campus: Centennial HP Science and Technology Centre
netw@centennialcollege.ca

Specialize in Computer and Communication Networks and be a part of a select group of Ontario students to receive a four-year Bachelor's degree in Applied Information Sciences. Ontario has a critical need for networking professionals, and Centennial College was selected by the Ministry of Training, Colleges and Universities to deliver a program to address this demand. Centennial College is the only post-secondary institution in Ontario to offer a bachelor's degree program in Computer and Communication Networks. It offers a unique blend of technology and business subjects with an innovative balance between the practical and the theoretical backgrounds that employers are looking for.

BENEFITS

- all courses are offered at our new, hi-tech, award-winning campus
- state-of-the-art laboratories specially engineered for the curriculum, including uniquely equipped facilities offering VoIP, WiFi, Cellular Networks, Advanced Routing and Switching, Network Management, and Wireless Broadband (WiMax)
- you can specialize in network security or wireless systems
- small classes ensure individual attention
- highly qualified full-time faculty with industry experience
- focus on diversity, equity and a safe learning environment
- opportunity for 15 weeks of paid co-op placement

CAREERS

Graduates from the program will be suited for positions such as:

- network analysts
- network administrators
- network support
- IT project manager
- technical account managers
- graduate studies at Athabasca University, and Northwood University, Griffith University, Australia, Southern New Hampshire University, U.S.A.

Ontario This program has been approved by the Post-secondary Education Quality Assessment Board PEQAB, in the Ministry of Training, Colleges and Universities in Ontario as a 4-year Baccalaureate (honours) Degree.

CREDENTIAL TRANSFER RECOGNITION

Mathematics courses in the Applied Degree Programs at Centennial College
- MTH-110 Logic and Problem-Solving Strategies
- MTH-220 Discrete Mathematics 2 (SS only; not yet offered)
- MTH-120 Discrete Mathematics 1
- MTH-320 Quantitative Research Methods (CCN only)
- MTH-210 Statistics and Research Methods
- MTH-350 Calculus with Applications (Elective)

Existing articulation agreements with universities

TRANSFER CREDIT AT	MTH 110	MTH 120	MTH 210	MTH 320	MTH 350	MTH 220
University of Lethbridge Rene Barendregt	With MTH 120 Math 2865	With MTH 110 Math 2865	Stats 1770	Math 1XXX	Math 1560	Math2xxx
University of Western Ontario Gord Sinnamon	Unspecified 1000-level half course, serving as a prerequisite for Math 1228/B, Math 1229A/B	Unspecified 1000-level half course, serving as a prerequisite for Math 1228A/B, Math 1229A/B, LA 1600A./B, Math 1120A/B, Math 2155A	NA	NA	Calculus 1000A/B	Unspecified 2000 level half course, serving as a prerequisite for Math 2156B or Math 3020A/B
University of Windsor Abdo Alfakih Justin Lariviere	With MTH 120 62-190	With MTH 110 62-190	NEC	73-220	62-140	General Math Elective
University of Toronto Tracy Wood Minimum GPA 3.2 Minimum grade for course 70%	With MTH 210 CSC 165H	a) With MTH 320 and MTH 350--MATH1**H Calculus (with exclusion to MAT133Y/135Y) + APM236H. b) With MTH 220 --CSC165H c))With MTH 220 and MTH350 ---CSC165H + MAT1**H Calculus (With exclusion to MAT133Y/135Y)	With MTH 110 CSC 165H	With MTH 120 and MTH 350 MATH1**H Calculus (with exclusion to MAT133Y/135Y) + APM236H.	With MTH 120 and MTH 320 MATH1**H Calculus (with exclusion to full year credits of MAT133Y/135Y) + APM236H.	a) With MTH 120--CSC165H b) With MTH 120 and MTH350 ---CSC165H + MAT1**H Calculus (With exclusion to MAT133Y/135Y)
University of Northern B.C. Rhea Bowen	Math 1XX(3) Unspecified Math	MATH 1XX Unspecified Math	MATH 242-3 Statistics for Social and Health Sciences	MATH 221-3 Operations Research	Math 100 (3) Calculus 1	NA
Carleton University Karen Warner	MATH 1805	MATH 18XX 0.5 unspecified credit	STAT 2507	MATH 3801	MATH 1007	MATH 2108
McMaster University Deirdre Haskell	NEC	NEC	Stats 1A03 Introduction to Statistical Reasoning	Math 2L03 Mathematical Methods in Business and Social Science	Math 1 A03	NA
Ryerson University Sebastian Ferrando	With MTH 120 MTH 110	With MTH 110 MTH 110	NEC	NEC	MTH 140	NA

NEC = No equivalent course in the specified university
NA = Not assessed by the specified university

For an updated list of transfer credits for Centennial's mathematics courses, please contact Kieh Wong at kkwong@centennialcollege.ca

ADMISSION REQUIREMENTS

Centennial College expects students applying for admission to degree programs to present at minimum an Ontario Secondary School Diploma (OSSD) with a minimum of six 12U, 12M, OAC credits or equivalent or be 19 years of age or older. Possession of minimum admission requirements does not guarantee admission to program.

Minimum Academic Prerequisites:
- English 12U

One from the following:
- math 12U Advanced Functions or equivalent
- math 12U Calculus and Vectors or equivalent
- math 12U Mathematics of Data Management or equivalent

For information on the admission process, please see p. 14.

PROGRAM OUTLINE

Semester 1 (Fall)

BUS-110	Fundamentals of Business & Information Systems
NET-110	Computer Network Fundamentals
NET-112	Computer Architecture
SWS-121	Website Design & Development
MTH-110	Logic & Problem-solving Strategies (Liberal Studies)
ENG-110	English & Communication Skills (Liberal Studies)

Semester 2 (Winter)

BUS-120	Financial Analysis
ECN-120	Economics (Liberal Studies)
NET-111	Operating Systems Fundamentals
NET-120	LAN Switching & Routing
SWS-110	Programming Fundamentals
MTH-120	Discrete Mathematics 1 (Liberal Studies)

Semester 3 (Fall)

BUS-111	Marketing of Services
NET-121	Network Operating Systems 1
NET-210	WAN Technologies
PHL-110	Ethics (Liberal Studies)
SWS-213	Database Design & Modeling
MTH-210	Statistics & Research Methods (Liberal Studies)

Semester 4 (Winter)

BUS-212	Organizational & Client Relationships
NET-211	Network Operating Systems 2
NET-220	Principles of Computer & Network Security
NET-221	Communication Technology
SWS-212	Database Driven Websites
ELECT	Liberal Studies Elective
COOP-221	Employment Pre-placement* Summer Internship

Semester 5 (Fall)

BUS-310	Project Management
NET-222	Wireless Networks
NET-223	Voice Systems & Services
NET-310	Network Management
SWS-211	Systems Analysis & Design
ELECT	Liberal Studies Elective

Semester 6 (Winter)

BUS-411	Entrepreneurship in the New Economy
MTH-320	Quantitative Research (Methods)
NET-323	Voice/IP Convergence
NET	Professional Elective
NET-320	Advanced Switching & Routing
ELECT	Liberal Studies Elective

Semester 7 (Fall)

BUS-311	Management of Change & Innovation
NET-410	Enterprise Network Design
NET-411	Integrated Project in Vertical Markets I
NET-412	Applied Research Techniques and Methods
NET	Professional Elective
ELECT	Liberal Studies Elective

Semester 8 (Winter)

BUS-312	Business Consulting
NET-420	Networking: Advanced Troubleshooting
NET-421	Integrated Project in Vertical Markets
NET	Professional Elective
ELECT	Liberal Studies Elective

*Minimum C grade in ENG-110, minimum 2.0 GPA, and minimum 80 per cent of year 1 and 2 courses required for COOP-221.

Notes:

1. *The curriculum presented here covers subject matter that is dynamic in nature and will be revised as appropriate to assure it retains its currency. Internal curriculum review is ongoing. As well, PEQAB (the Post-secondary Education Quality Assessment Board) has a well-established review process. The same rigorous external review process that was used to obtain degree approval will be used to review the program again in five years.*

2. *One summer internship is required for graduation.*

Your choice of the following Professional/Liberal studies electives (please note that not all elective courses will be offered each semester):

Professional Electives: Network Security

NET-801	Cryptography in Network Security
NET-802	Network Defense and Counter Measure
NET-803	Computer Forensics

Professional Electives: Wireless Networks

NET-901	Programming for Wireless Devices
NET-902	Cellular Networks
NET-903	Wireless Broadband

Liberal Studies Electives

HIS-301	History: the Twentieth Century
HIS-302	Canadian Studies
LIT-301	Caribbean Literature
LIT-302	Propaganda Literature
LIT-303	Canadian Multicultural Literature
MTH-350	Calculus with Applications
PHL-120	Science and Technology in Society
PHL-401	Logical Self Defense
PSY-301	Social Psychology
PSY-303	Consumer Psychology
PSY-304	Principles of Human Behavior

"This program creates a knowledgeable and proactive environment for students to work in.

1. **Combined with theoretical and practical knowledge, students are able to grasp the best of both worlds by honing their skills in the networking and business environment.**

2. **Students are able to exhibit their skills and knowledge by participating in up to two paid co-op field placements throughout the duration of the program.**

3. **The professors are highly qualified and demonstrate a clear understanding of the course material by exemplifying it to the students.**

4. **Employers are demanding the need for students with a combination of extensive business and networking background, which this program clearly addresses.**

5. **Students have obtained networking jobs immediately upon graduation with highly renowned organizations that specialize in various aspects of the technical industry.. "**

Christopher D'Souza,
Graduate '07

" ...The Applied degree in Computer and Communication Networking is great program.

We get all of the theoretical knowledge of a university as well as all the hands on skills of a college. You major in Computer Networking and minor in Business, this gives us the technical skills of an IT person and also the business stills to compete in today's completive work force.

Towards the end of the program you will get a chance to specialize in Network Security or Wireless Networks. Both of which are very fast growing areas of technology, that offer excellent job opportunities.

By taking this program not only will we be able to find a job instantly, but we will also be able to move up the corporate ladder quickly. "

Omar Washington
Graduate '07

Bachelor of Applied Information Sciences (Software Systems Design)

CENT Code: 0103
4 years/8 semesters
Credential: Bachelor of Applied Information Sciences Degree (BAISc)
Start: Fall
Campus: Centennial HP Science and Technology Centre
sws@centennialcollege.ca

Specialize in Software Systems Design and be one of a select group of Ontario students to receive a four-year Bachelor's Degree in Applied Information Sciences. North America has a critical need for highly specialized software designers, and Centennial College was selected by the Ministry of Training, Colleges and Universities to deliver a program to address this demand.

The ONLY program of its kind in Ontario with a unique focus on System Design, a blend of technology and business subjects with industry placement, and providing specialization in Wireless Systems or Service Oriented Architecture. The program has high emphasis on advanced software standards and management. Key subject matter deals with secure systems with encryption and high reliability systems for mission critical applications.

BENEFITS

- all courses are offered at our new, hi-tech, award-winning campus
- state-of-the-art laboratories specially engineered for the curriculum
- you can specialize in Service Oriented Architecture, Wireless Systems Design
- small classes ensure individual attention
- highly qualified full-time faculty with industry experience
- focus on diversity, equity, and a safe learning environment
- opportunity for 15 weeks of paid co-op placement

CAREERS

Graduates from the program will be suited for positions such as:

- software developer
- software engineer
- systems analyst
- business analyst, computer network security analyst
- web application developer
- IT project manager
- computer programmer/analyst
- graduate studies at Athabasca University, Northwood University, St. Mary's University, The University of Lethbridge, and University of New Brunswick, Griffith University, Australia, and Southern New Hampshire University, U.S.A.

Ontario

This program has been approved by the Postsecondary Education Quality Assessment Board PEQAB, in the Ministry of Training, Colleges and Universitiesi in Ontario as a 4-year Baccalaureate (honours) Degree.

CREDENTIAL TRANSFER RECOGNITION

Mathematics courses in the Applied Degree Programs at Centennial College

- MTH-110 Logic and Problem-Solving Strategies
- MTH-220 Discrete Mathematics 2 (SS only; not yet offered)
- MTH-120 Discrete Mathematics 1
- MTH-320 Quantitative Research Methods (CCN only)
- MTH-210 Statistics and Research Methods
- MTH-350 Calculus with Applications (Elective)

Existing articulation agreements with universities

TRANSFER CREDIT AT	MTH 110	MTH 120	MTH 210	MTH 320	MTH 350	MTH 220
University of Lethbridge Rene Barendregt	With MTH 120 Math 2865	With MTH 110 Math 2865	Stats 1770	Math 1XXX	Math 1560	Math2xxx
University of Western Ontario Gord Sinnamon	Unspecified 1000-level half course, serving as a prerequisite for Math 1228/B, Math 1229A/B	Unspecified 1000-level half course, serving as a prerequisite for Math 1228A/B, Math 1229A/B, LA 1600A./B, Math 1120A/B, Math 2155A	NA	NA	Calculus 1000A/B	Unspecified 2000 level half course, serving as a prerequisite for Math 2156B or Math 3020A/B
University of Windsor Abdo Alfakih Justin Lariviere	With MTH 120 62-190	With MTH 110 62-190	NEC	73-220	62-140	General Math Elective
University of Toronto Tracy Wood Minimum GPA 3.2 Minimum grade for course 70%	With MTH 210 CSC 165H	a) With MTH 320 and MTH 350--MATH1**H Calculus (with exclusion to MAT133Y/135Y) + APM236H. b) With MTH 220 --CSC165H c))With MTH 220 and MTH350 ---CSC165H + MAT1**H Calculus (With exclusion to MAT133Y/135Y)	With MTH 110 CSC 165H	With MTH 120 and MTH 350 MATH1**H Calculus (with exclusion to MAT133Y/135Y) + APM236H.	With MTH 120 and MTH 320 MATH1**H Calculus (with exclusion to full year credits of MAT133Y/135Y) + APM236H.	a) With MTH 120--CSC165H b) With MTH 120 and MTH350 ---CSC165H + MAT1**H Calculus (With exclusion to MAT133Y/135Y)
University of Northern B.C. Rhea Bowen	Math 1XX(3) Unspecified Math	MATH 1XX Unspecified Math	MATH 242-3 Statistics for Social and Health Sciences	MATH 221-3 Operations Research	Math 100 (3) Calculus 1	NA
Carleton University Karen Warner	MATH 1805	MATH 18XX 0.5 unspecified credit	STAT 2507	MATH 3801	MATH 1007	MATH 2108
McMaster University Deirdre Haskell	NEC	NEC	Stats 1A03 Introduction to Statistical Reasoning	Math 2L03 Mathematical Methods in Business and Social Science	Math 1 A03	NA
Ryerson University Sebastian Ferrando	With MTH 120 MTH 110	With MTH 110 MTH 110	NEC	NEC	MTH 140	NA

NEC = No equivalent course in the specified university
NA = Not assessed by the specified university

For an updated list of transfer credits for Centennial's mathematics courses, please contact Kieh Wong at kkwong@centennialcollege.ca

ADMISSION REQUIREMENTS

Centennial College expects students applying for admission to degree programs to present at minimum an Ontario Secondary School Diploma (OSSD) with a minimum of six 12U, 12M, OAC credits or equivalent or be 19 years of age or older. Possession of minimum admission requirements does not guarantee admission to program.

Minimum Academic Prerequisites:
- English 12U

One from the following:
- math 12U Advanced Functions or equivalent
- math 12U Calculus and Vectors or equivalent
- math 12U Mathematics of Data Management or equivalent

For information on the admission process, please see p. 14.

PROGRAM OUTLINE

Semester 1 (Fall)
BUS-110	Fundamentals of Business and Management
NET-112	Computer Architecture
SWS-110	Software Development: Programming Fundamentals
SWS-121	Website Design and Development
MTH-110	Logic and Problem-Solving Strategies
ENG-110	English and Communication Skills (Liberal Studies)

Semester 2 (Winter)
BUS-120	Financial Analysis
NET-111	Operating Systems Fundamentals
SWS-120	Object Oriented Programming
ECN-120	Economics (Liberal Studies)
PHL-120	Science & Technology (Liberal Studies)
MTH-120	Discrete Mathematics 1

Semester 3 (Fall)
SWS-210	Data Structures and Algorithms
SWS-211	Systems Analysis and Design
SWS-213	Database Design and Modeling
MTH-210	Statistics and Research Methods
BUS-111	Marketing of Services (Liberal Studies)
PHL-110	Ethics (Liberal Studies)

Semester 4 (Winter)
SWS-220	Object Oriented Analysis & Design
SWS-221	Internet Programming
SWS-212	Database Driven Websites
NET-311	Data Communication and Networks
ELECT	Liberal Studies Elective
PHL-401	Logical Self Defence (Liberal Studies)
COOP-221	Employment Pre-placement*

Summer Internship

Semester 5 (Fall)
BUS-310	Project Management 1
SWS-310	Software Standards, Testing & Maintenance
SWS-311	Programming for Network Systems
SWS-312	Database Programming
SWS-314	Computer and Human Interaction
ELECT	Liberal Studies Elective

Semester 6 (Winter)
BUS-411	Entrepreneurship in the New Economy
SWS-223	Technical Writing and Documentation
SWS-320	Software Development Project 1
SWS-321	Software Design Patterns
SWS-322	Architecting Database Solutions
MTH-220	Discrete Mathematics 2

Semester 7 (Fall)
BUS-410	Project Management 2
SWS-410	Software Development Project 2
SWS-411	Software Quality Assurance
SWS-422	Emerging Technologies
ELECT	Professional Elective
ELECT	Liberal Studies Elective

Semester 8 (Winter)
BUS-312	Business Consulting
SWS-420	Software Development Project 3
SWS-421	Cryptography and Information Security
ELECT	Professional Elective
ELECT	Liberal Studies Elective (Level 2)

Your choice of the following Professional/Liberal studies electives (please note that not all elective courses will be offered each semester):

Professional Electives: Service-oriented Architecture
SWS-801	Service Oriented Architecture 1
SWS-802	Service Oriented Architecture 2

Professional Electives: Wireless Systems Design
SWS-901	Wireless Systems Design 1
SWS-902	Wireless Systems Design 2

Liberal Studies Electives
HIS-301	History: the Twentieth Century
HIS-302	Canadian Studies
LIT-301	Caribbean Literature
LIT-302	Propaganda Literature
LIT-303	Canadian Multicultural Literature
MTH-350	Calculus with Applications
PHL-120	Science and Technology in Society
PHL-401	Logical Self Defense
PSY-301	Social Psychology
PSY-303	Consumer Psychology
PSY-304	Principles of Human Behavior
MTH 350	Calculus with Applications

Minimum C grade in ENG-110, minimum 2.0 GPA and minimum 80 per cent of year 1 and 2 courses required for COOP-221.

Notes:

1. The curriculum presented here covers subject matter that is dynamic in nature and will be revised as appropriate to assure it retains its currency. Internal curriculum review is ongoing. As well, PEQAB (the Post-secondary Education Quality Assessment Board) has a well-established review process. The same rigorous external review process that was used to obtain degree approval will be used to review the program again in five years.

2. One summer internship is required for graduation.

"The unique curriculum proposed by Centennial will produce highly trained IT professionals with sound technical skills, a strong understanding of business, project management and excellent communication skills."

Software Human Resource Council

"Centennial's bachelor's degree in Software Systems: Design, Development and Management will go a long way in contributing to meet this need for skilled people who can design, build, install, service and create future information technology applications."

Information Technology Association of Canada

Nursing (BScN)

CENT Code: 9250
4 years/8 semesters
Credential: Bachelor of Science in Nursing
Start: Fall
Campus: Centennial HP Science and Technology Centre

BACHELOR OF SCIENCE NURSING

This four-year collaborative nursing degree program is offered in partnership by Ryerson University, Centennial College and George Brown College. You will complete your first two years at Centennial and the final two years at Ryerson. Faculty will be from both college and university. The Bachelor of Science Nursing program is committed to creating nursing leaders who are highly competent, knowledgeable and committed to playing an integral role in shaping the future of health care. You will be prepared to work with persons and communities of diverse backgrounds, ages, and degrees of health and illness, in a variety of contexts.

Our curriculum has five themes which are reflected in all years of the program at varying levels: primary health care/health promotion; reflective practice/critical thinking; meaningful relationships/caring/communication; political/social justice; and personal/professional development.

You will complete required professionally-related courses in areas such as anatomy and physiology, nutrition, ethics, psychology and sociology, as well as a series of required and elective courses, selected from other disciplines, to enhance and support the broad knowledge base required of professional nurses.

BENEFITS

- graduate with a degree
- mentorship program and peer tutoring
- small group instruction in clinical and laboratory settings
- experienced, caring faculty
- clinical placement gives you the advantage of being able to network and make employment contacts
- state-of-the-art nursing lab available for independent and scheduled practice

CAREERS

Graduates of the Ryerson, Centennial, George Brown Collaborative Nursing Degree program are eligible to write the College of Nurses of Ontario registration examination to receive Registered Nurse designation, and accept entry-level positions in a variety of settings where nursing is practised.

ADMISSION REQUIREMENTS

Centennial College expects students applying for admission to degree programs to present at minimum an Ontario Secondary School Diploma (OSSD) with a minimum of six 12U, 12M, OAC credits including grade 12U English, biology (SBI4U), chemistry (SCH4U), and grade 11U or M or grade 12U mathematics (one of MCF3M, MCR3U, MHF4U, MCV4U, MDM4U) with a minimum grade of 60 per cent or higher in each of these course.

- *Possession of minimum admission requirements does not guarantee admission to program*
- *Minimum academic prerequisite may not be met by successful completion of a Skills Assessment*

Notes:

1. *ENG4U/EAE4U is the preferred English.*
2. *Applicants applying as "Mature Students" must have grade 12U courses (or equivalent) in English, biology and chemistry, and grade 11U or M or higher mathematics. Marks obtained for each of the above subjects must be 60 per cent or higher.*
3. *Advanced Functions and Introductory Calculus (MCB4U) will be accepted in place of Advanced Functions (MHF4U) where presented and where applicable.*
4. *Geometry and Discrete Mathematics (MGA4U) will be accepted in place of Calculus and Vectors (MCV4U) where presented and where applicable.*
5. *Students are required to obtain a Heart and Stroke Foundation of Ontario Basic Cardiac Life Support Certificate prior to enrolment and are responsible for maintaining this certification throughout the program.*
6. *Applicants who possess only the required OSSD Diploma and who are not "Mature Students" and have grade 12U courses in English, chemistry and biology as well as grade 11U or M or higher mathematics, with a minimum 60 per cent or higher in each of these courses, will be considered if they have:*
   a. *additional grade 12U, M courses **and/or***
   b. *successful completion of a year-long college course or two one-semester college courses **and/or***
   c. *successful completion of a year-long university course or two one-semester university courses.*
7. *Applicants who possess the noted OSSD Diploma and the grade 12U or M courses as noted above, excluding the additional college/university course(s) and who are not "Mature Students" but can demonstrate their ability to succeed in the program will be considered using a combination of the following evaluation methods:*
   a. *interview;*
   b. *resumé;*
   c. *portfolio of work experience;*
   d. *challenge examination;*
   e. *high school transcript reflecting a consistent standard of achievement (B grades or higher).*
8. *Pre-admission testing may be required in one or more of the above areas.*
9. *Centennial will not accept the "out of school" component of grade 12U/M co-op courses for admission consideration to the Bachelor of Science Nursing program.*

ADDITIONAL NURSING PROGRAM REQUIREMENTS

A. In compliance with requests from our clinical placement partners, all students in the Collaborative Nursing Degree program are required to have completed an annual criminal reference/police check. These reference checks are done to protect clientele who are considered 'vulnerable persons'. The majority of students will receive a 'clear' police check; some will have a 'not clear' police record.

- A 'clear' police check means that there was currently no police record found for that individual in the jurisdiction surveyed. A 'not clear' police check means that there is a police record found for the individual for an undisclosed reason.
- Students are required to keep the original copy of their criminal reference/police check. The placement agency will be provided with the names of all students proposed for placement at that agency who have received a 'not clear' police check. As we are not aware of the reason for a 'not clear' police check, the reason for lack of clearance will not be divulged to the agency as this information is not part of the check.
- It is the agency that will then make the decision whether or not to accept the student for placement. This agency decision may require the student to self-disclose the particulars of the 'not clear' police check. Students will have the right to not disclose the particulars of the 'not clear' police check. Students denied placement by the agency on the grounds of a 'not clear' police check will not be able to complete their practice placement.

STUDENTS WHO ARE NOT ELIGIBLE TO ATTEND THEIR PRACTICE PLACEMENT DUE TO A 'NOT CLEAR' STATUS WILL JEOPARDIZE THEIR PROGRESS IN THE PROGRAM.

- Students who fail to meet the above requirements will not be permitted to begin their nursing practice courses and will be subject to academic penalties.
- International students who are applying will need to retain a copy of the police clearance that is done at the time of their application for a study permit.
- Students who live in the City of Toronto and the Region of York may obtain an application form from the placement office, Ryerson School of Nursing. Students who live in other municipalities or provinces may obtain the application from their local police agency.

B. In accordance with the policy of the Collaborative Degree program, and in order to comply with the Public Hospitals Act, other legislation and to meet the requirements of the nursing practice placement settings utilized by the program, the Immunization Passport must be completed in its entirety by your health care provider.

C. Students are also responsible for obtaining Level C Basic Cardiac Life Support Certification and Basic Rescuer First Aid. The completion of all the above mentioned documentation and annual updating of the Immunization Passport is the responsibility of each student for the duration of their studies within the collaborative degree program. Instructions will be provided upon acceptance.

D. Before undertaking this program, students should be aware that, under the provisions of the Regulated Health Profession and Nursing Acts, to qualify to write the College of Nurses registration exams they must:
   a. be a Canadian citizen, permanent resident of Canada or be authorized under the Immigration Act (Canada);
   b. not have any criminal convictions including those under the Narcotic Control and Food and Drugs Acts;
   c. not have been the subject of proceedings with respect to professional misconduct, incompetence or incapacity in another health profession in Ontario, or in nursing in another jurisdiction;
   d. not be suffering from a mental or physical disorder which makes it desirable in the public interest that you not practice.

PROGRAM OUTLINE

Semester 1

BIOLOGY: Anatomy and Physiology	BLG-10A
NUTRITION: Nutrition for Nursing Practice	FNN-111
NURSING: Theoretical Foundations of Nursing	NSE-11A
NURSING: Nursing Practice I	NSE-12A
NURSING: Assessment of the Healthy Individual	NSE-13A
PSYCHOLOGY: Psychology of Individual Human Behaviour	PSY-102
LIBERAL STUDIES ELECTIVE GROUP A	ELECT A

Semester 2

BIOLOGY: Anatomy and Physiology	BLG-10B
NURSING: Theoretical Foundations of Nursing	NSE-11B
NURSING: Nursing Practice I	NSE-12B
NURSING: Assessment of the Healthy Individual	NSE-13B
NURSING: Social, Political and Economic Perspectives	NSE-112
PSYCHOLOGY: Child Development	PSY-302

Semester 3

NURSING: Concepts, Individual and Family	NSE-21A
NURSING: Nursing Practice II†	NSE-22A
NURSING: Research Design, Measurement, Apps.	NUR-80A
PATHOTHERAPEUTICS: Nursing Implications	PAT-20A
PSYCHOLOGY: Adult Development	PSY-402
LIBERAL STUDIES ELECTIVE GROUP A	ELECT A

Semester 4

NURSING: Concepts, Individual and Family	NSE-21B
NURSING: Nursing Practice II†	NSE-22B
NURSING: Research Design, Measurement, Apps.	NUR-80B
PATHOTHERAPEUTICS: Nursing Implications	PAT-20B\
SOCIOLOGY: Introduction to Social Analysis	SOC-104
LIBERAL STUDIES ELECTIVE GROUP A	ELECT A

Semester 5

NURSING: Community Health Nursing	NSE-31A
NURSING: Nursing Practice III	NSE-32A
PHILOSOPHY: Ethics and Health Care	PHL-302
LIBERAL STUDIES ELECTIVE GROUP A	ELECT A
PROFESSIONALLY-RELATED ELECTIVE GROUP B	ELECT B

Semester 6

NURSING: Community Health Nursing	NSE-31B
NURSING: Nursing Practice III†	NSE-32B
NURSING: Leadership and Change	NSE-306
LIBERAL STUDIES ELECTIVE GROUP A	ELECT A
PROFESSIONALLY-RELATED ELECTIVE GROUP B	ELECT B

Semester 7

NURSING: Professional Issues and Trends	NSE-407
NURSING: Nursing Practice IV†	NSE-417
LIBERAL STUDIES ELECTIVE GROUP A	ELECT A
PROFESSIONALLY-RELATED ELECTIVE GROUP B	ELECT B

Semester 8

NURSING: Nursing Practice V†	NSE-418

and one of the following◆*:*

NURSING: Gerontological and Geriatric Nursing	NUR-820
NURSING: Acute Care and Traumatic Conditions	NUR-823
NURSING: Women's Health	NUR-824
NURSING: Family Health	NUR-825
NURSING: Community Mental Health	NUR-826

◆ Not all courses are available each semester.

† This course is graded on a pass/fail basis. A PSD grade has no numerical value and is not included in a student's grade point average; a failure is graded as an "F" and is included in a student's grade point average.

LIBERAL STUDIES ELECTIVES (A)

Caribbean Studies

Introduction to the Caribbean (F/W)	CRB-100

Economics

Canadian Economic History (F)	ECN-105
The Economics of Markets (F)	ECN-110
European Economic History (W)	ECN-205
Inflation, Unemployment in Canada (W)	ECN-210
The Economics of Human Behaviour (F)	ECN-340
Booms, Busts, Panics and Manias (W)	ECN-440

English

Laughter and Tears: Comic & Tragic Modes (F)	ENG-101
What's The Story? (F)	ENG-104
Zap, Pow, Bang: Pop. Lit. (F)	ENG-112
The Hero's Journey: Myth and Archetype (W)	ENG-201
Within & Without: The New Literature of Immigration (W)	ENG-204
Cultures in Crisis (W)	ENG-212
Language and Identity (F/W)	LNG-100
Language and Public Life (F/W)	LNG-200

French (F/W)
A French course to be determined by test and interview

Geography

Interpreting Human Environments: I (F)	GEO-106
Geographical Issues in the Post-Industrial Age I (F)	GEO-108
Interpreting Human Environments: II (W)	GEO-206
Geographical Issues in the Post-Industrial Age II (W)	GEO-208
Viva Las Vegas (F)	GEO-312

Note: F=Fall, W=Winter

History

World Turned Upside Down:
  Europe 1350-1776 (F)   HST-111
Fact and Fiction: History
  Through Film I (F)   HST-119
Century of Revolution: Europe
  1789-1914 (W)   HST-211
Fact and Fiction: History Through Film II (W) HST-219
Canada to 1867: The Founding Societies (F) HST-307
History of Science and Technology I (F)   HST-325
Canada from 1867: The Struggle
  for Identity (W)   HST-407
History of Science and Technology II (W)   HST-425
Intro. to World Art I: Pictoral Arts (F)   IRL-100
Understanding Crime in Canadian Society (F) JUS-101

Music

Intro. to World & Early European Music (F) MUS-101
Introduction to Classical Music (W)   MUS-201

Philosophy

Plato and the Roots of Western
  Philosophy (F) PHL-101
Philosophy of Religion (F)   PHL-110
Problems in Philosophy (W)   PHL-201
Critical Thinking (W)   PHL-214
Contemporary Moral Issues I (F)   PHL-306
Contemporary Moral Issues II (W)   PHL-406

Physics

Introduction to Astronomy (F/W)   PCS-181

Politics

The Politics of Human Needs (F)   POL-106
Politics and Film (F/W)   POL-128
Immigration and the Canadian
  Experience (W) POL-129
The Globalization of World Politics (W)   POL-208

Sociology

Human Origins (W)   SOC-102
  Popular Culture (F/W)   SOC-202
Social Class and Inequality (F/W)   SOC-203

Spanish (F/W)

A Spanish course to be determined by test and interview.
Theatre and the Canadian Identity (F)   THL-100

Notes:

1. Not all courses will be offered each semester to all students. See the Chair of the appropriate department to check availability of courses.

2. Restrictions may change from year to year depending on curricular changes.

3. Nursing (NRSE/RNDC/RNDG/RNDR)-SOC-103 is not available for credit.

4. Students can take only two semesters of each of philosophy and sociology for credit.

5. Psychology courses are not available for credit.

PROFESSIONALLY-RELATED ELECTIVES (B)

Students must complete three one-term courses (or equivalent):

DISABILITY STUDIES: Mad People's History   DST-504
ENTREPRENEURSHIP: New Venture Startup   ENT-500
FAMILY SUPPORTS: Community Economic
  Development: The Canadian Health System I FLE-500
HEALTH SERVICES MGT:
  Work for Community Services   HSM-315
HEALTH SERVICES MGT:
  The Canadian Health System II   HSM-316
INTERDISC. STUDIES: Program Planning
  and Evaluation Strategies   INT-900
INTERDISC. STUDIES: Gerontology:
  Critical Issues and Future Trends   INT-901
INTERDISC. STUDIES: Disability Issues   INT-902
INTERDISC. STUDIES: Conflict Resolution
  and Dispute Negotiation   INT-905
INTERDISC. STUDIES: Politics of
  Sexuality: Power & Pleasure   INT-906
INTERDISC. STUDIES: Team Work for
  Community Services   INT-907
INTERDISC. STUDIES:
  Homelessness in Canadian Society   INT-908
INTERDISC. STUDIES: Participatory
  Development Communication   INT-909
INTERDISC. STUDIES: First Nations Issues   INT-910
INTERDISC. STUDIES: International
  Community Development   INT-911
INTERDISC. STUDIES: Community
  Development International
  Field Experience INT-912
JUSTICE: Violence, Victims and
  the Justice System   JUS-601
HUMAN RESOURCES: Organizational
  Behaviour and Interpersonal Skills   MHR-405
HUMAN RESOURCES:
  Organizational Behaviour II   MHR-505
HUMAN RESOURCES: Industrial Relations   MHR-522
HUMAN RESOURCES:
  Human Resources Management   MHR-523
HUMAN RESOURCES:
  Recruitment and Selection   MHR-623
OCCUPATIONAL HEALTH:
  Occupational Health & Safety Law
  Canadian Public Admin.   OHS-208
OCCUPATIONAL HEALTH:
  Occupational Health   OHS-508
PHILOSOPHY: Health Care and
  Distributive Justice   PHL-602
POLITICS: Power and Influence in
  Canadian Politics   POL-302
POLITICS: Political Conflict in Canada   POL-402

PSYCHOLOGY: Death, Dying and
  Bereavement   PPA-322
POLITICS: People Policy & Money:
  Public Admin.   PPA-422
POLITICS: Issues in Equity and
  Human Rights   PPA-521
POLITICS: Public Policy   PPA-623
PSYCHOLOGY: Psychological Disorders   PSY-040
PSYCHOLOGY: Psychology of Work   PSY-204
PSYCHOLOGY: Environmental Psychology   PSY-217
PSYCHOLOGY: Research Methods:
  Computerized Applications   PSY-711
POLITICS: Understanding   PSY-802
PSYCHOLOGY: Adjustment,
  Stress and Coping   PSY-805
PSYCHOLOGY: Behaviour Modification   PSY-806
  PSYCHOLOGY: Community Psychology   PSY-808
SOCIOLOGY: Canadian Families in a
  Changing World   SOC-021
SOCIOLOGY: Women, Power and Change   SOC-028
SOCIOLOGY: Sociology of Health   SOC-031
SOCIOLOGY: The Sociology of Diversity   SOC-300
SOCIOLOGY: The City and Society   SOC-302
SOCIOLOGY: Sociological Perspectives
  on Crime   SOC-319
SOCIOLOGY: Violence and the Family   SOC-502
SOCIOLOGY: Media and Images
  of Inequality   SOC-525
SOCIOLOGY: Globalization and Health   SOC-600
SOCIOLOGY: Work and Families in the
  21st Century   SOC-606
SOCIOLOGY: Men and Masculinities
  in the 21st Century   SOC-700

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Application can be made online through the OUAC website at www.ouac.on.ca

Ontario Universities' Application Centre
170 Research Lane
Guelph ON N1G 5E2
Phone: 519-823-1940
Fax: 519-823-5232

JOINT PROGRAMS WITH THE UNIVERSITY OF TORONTO AT SCARBOROUGH[1]

- Applicants must be eligible to receive the Ontario Secondary School Diploma (OSSD)

- Applicants must present a minimum six grade 12 courses suffixed 4U or 4M

- One credit must be ENG4U – English[1]

- Applicants must satisfy any prerequisites of specific programs, disciplines or courses in which they intend to enroll

- Discipline prerequisites must be at the grade 12 4U level unless otherwise specified

UNIVERSITY OF TORONTO AT SCARBOROUGH

OUAC Application Code	Name	Credential Awarded	Required Courses	Non-academic Admission Requirement
Not direct entry from high school. Minimum of one year of post-secondary studies required TSP.	Environmental Science & Technology	Honours Bachelor of Science and Ontario College Advanced Diploma	ENG4U English MHF4U Advanced Functions MCV4U Calculus and Vectors SCH4U Chemistry SPH4U Physics Recommended SBI4U Biology Recommended	
Not direct entry from high school. Minimum of one year of post-secondary studies required. TSL	Industrial Microbiology	Bachelor of Science and Ontario College Diploma	ENG4U English MHF4U Advanced Functions SCH4U Chemistry MCV4U Calculus and Vectors Recommended SBI4U Biology Recommended	
TSJ	Journalism	Bachelor of Arts and Ontario College Diploma	ENG4U English	
TSK	New Media	Bachelor of Arts and Ontario College Diploma	ENG4U English	
TSI	Paramedicine	Bachelor of Science and Ontario College Diploma	ENG4U English MHF4U Advanced Functions SCH4U Chemistry SBI4U Biology Recommended MC4U Calculus and Vectors Recommended	By the end of the first session of the Paramedicine course, students must complete the following requirements: • Medical doctor's statement certifying a standard of health acceptable to clinical agencies outlined in the Ambulance Act • Class G driver's license; a class F license is required before enrolling in the second year (third year of program) at Centennial College • Completion of CPR (Basic Rescuer level) course • Standard First Aid Certification • Lifting fitness test • Clear criminal record check

[1]For details on application and admission to the University of Toronto Scarborough Centennial College Joint Degree programs, please visit the UTSC website at: http//www.utsc.utoronto.ca/