

Education and Training after High School

Glossary of Terms

Term	Description
Apprenticeship	An on-the-job training program designed to provide the necessary work experience and academic requirements to write the apprenticeship exams; usually involved training in the trades.
Calendar	A booklet published annually by each educational institution lists all programs and courses along with other valuable information such as prerequisites, admission policies, fees, programs, scholarships, etc.
Certificate	A document awarded upon successful completion of a program usually of one year or less in duration.
College	Offers certificate and diploma programs in a wide range of areas.
Co-operative Education	A method of learning in which students alternate between academic study and paid supervised work terms.
Co-requisite	A course which must be taken at the same time as another course.
Credit	Term used to determine number of courses successfully completed.
Credit Hour	The standard unit by which the course work offered by Universities is normally measured; one credit hour (1h) is assigned to a class that meets fifty minutes per week in class instruction.
Degree	A document awarded at the completion of a university program.
<i>Bachelor Degree</i>	The first level degree awarded, also known as an undergraduate degree.
<i>Masters Degree</i>	A program, usually 1 - 2 years in length of full-time study, generally requires a student to have a Bachelor's Degree and may require work experience, as well as other prerequisites for admission, also known as a Graduate Degree.
<i>Doctorate Degree</i>	A program, usually 3 - 4 years in length of full-time study, generally requires a student to have at least three years of university study and other prerequisites for admission, also known as a PHD and/or a Graduate Degree.
Department	A division of a faculty under the direction of one person; each department offers a major program of study.
Diploma	A document awarded at the completion of a program, usually 1-2 years in duration.
Distance Education	A way of learning where the student and teacher communicate via correspondence courses, the Internet, audiotapes, videotapes, cable television, or satellite hook-ups.

Term	Description
Faculty	A grouping of associated subjects areas under the direction of a dean.
Graduate Student	A student who is studying in a degree program after a Bachelor's Degree.
Major	A student's primary subject or area of concentration, a selection of courses in one discipline intended to provide background and depth.
Minor	A secondary area of study within a degree program.
Post-Secondary	Any education or training that occurs after High School.
Portfolio	A collection of a student's best work in a particular program or level of a program.
Prerequisite	A requirement for admission into a particular program or level of a program.
Secondary	Any education at the Grade 7 to 12 level.
Semester	A division of an academic year.
Transcript	A complete record of a student's academic achievement in credit courses.
Undergraduate Student	A student who is studying at the Bachelor's Degree level.
University	A degree-granting educational institution.

Summary of Admission Requirements to Maritime Post-Secondary Institutions

Admission requirements for maritime and other post-secondary institutions vary somewhat from high school graduation requirements. Students who are considering some form of study beyond high school should consult post-secondary calendars at the Student Services Center to determine what courses they should choose, especially during their final two years of high school.

Students should note that the following Degree (university) programs require specific courses at the grade twelve level. An overall average of 65 - 70% is required for post-secondary studies in 5 academic (621 or 611) grade 12 courses including English 621.

General Guidelines: Students are responsible for checking specific admissions requirements.

Bachelor of Arts: English 621, plus 4 acceptable academic electives. U.P.E.I. requires a grade 12 social studies or language credit.

Bachelor of Business Administration: English 621, Math 621, any 2 Social Studies, Languages or Sciences and one other grade 12 academic course, ex. ECO 621 and ACC 621 are recommended.

Bachelor of Science: English, mathematics, two sciences (chemistry 621 or 611, Math 621 B and Math 611 are recommended) and one other grade 12 academic course.

B.Sc. in Computer Science: English, mathematics, two sciences (physics is strongly recommended) and one other grade 12 academic course.

B.Sc. in Family and Nutritional Science: Refer to B.Sc. admission requirements.

B.Sc. in Nursing: Nursing entrance requires an overall minimum average of 70% in the following subjects: English, mathematics, chemistry, biology and one other grade 12 academic elective. Applicants must also have a minimum of 70% in each of English, mathematics, chemistry and biology. Check early admissions deadlines.

Pharmacy Program: English, mathematics (Math 621B, 611), chemistry, biology plus one academic elective. One year of university in the Science Program is now required for entrance to the pharmacy program at Dalhousie.

Physiotherapy Program: Masters of Science in Physiotherapy - following an undergraduate degree. English, mathematics, physics, chemistry, or biology and one academic elective at the grade twelve level are advised.

Canadian Forces/R.O.T.P : Students wishing to enroll in the Royal Officer's Training Program will require English, mathematics, physics and chemistry in their grade twelve program.

Holland College: Students should check prerequisites for specific programs in the Holland College Calendar. Academic grade 12 courses are required for entrance to some programs.

Bachelor of Arts:

This is a four year program where students earn their first degree with a major in their particular area of interest [example – English]

Following this students may go on to do post-graduate work and earn their Master's degree and then their Doctorate (Ph.D.).

Other post-degree options are Law, Social Work, Journalism, Education, Public Relations, Criminology, and R.C.M.P.

Arts Courses:

1. **Humanities** – English, Political Studies, Languages, History, Music, Philosophy, and Religious Studies.
2. **Fine Arts** – Theatre Studies, Art, Dance, Interior Design, etc.
3. **Social Sciences** – Psychology, Sociology, Anthropology. (Some math, like statistics, is required)

Articulation Programs:

Students may combine college and university programs to earn a degree.

1. **Bachelor of Applied Journalism** – 2 years at Holland College (Journalism) and 2 years at UPEI.
2. **Bachelor of Criminology** – 2 years at Holland College Police Science Program and 2 years at St. Thomas University.
3. **Bachelor of Child and Family Studies** – 2 years at Holland College Early Childhood and 2 years at UPEI.

In the first year of an Arts program, students may select courses from any faculty. English is compulsory.

(1) English (2) History (3) Psychology (4) Biology (5) Math

Bachelor of Science

Four year program where students earn their first degree with a major in a particular field (i.e. biology). Following this students may further their studies with a master's degree and then a doctorate (PhD).

Other post degree options: medicine, dentistry, law, education

Science Courses

1. Physical Science - Chemistry, Physics
2. Life Sciences - Biology, Nutrition, Nursing
3. Mathematics
4. Engineering
5. Computer Sciences

High School Courses:

Grade 12 Check academic requirements sheet. *All universities may not have the same admission requirements. Check with university calendars to satisfy their requirements.

Grade 11 Mathematics: Math 521A and Math 521B. Sciences: Recommended all three if possible (Chemistry, Biology, Physics). A minimum of two required with one being Chemistry.

Bachelor of Business Administration/Commerce

✚ Four year program. Students may further their studies with a master's degree and then doctorate (PhD).

✚ Other post degree options are accounting, law, financial advisor, stocks broker.

Business Courses:

1. Accounting
2. Marketing
3. Economics
4. Finance

University of Prince Edward Island's admission website:

www.upei.ca/futurestudents/html/c_general_req.html

CAREERS

ARTS

Administration Officer
Announcer/ Broadcaster
Anthropologist
Archaeological Technician
Archivist
Cartographer
Child & Youth Worker
Claim Adjuster
Clerk
Community Worker
Conservator
Correctional Officer
Correspondent
Counsellor
Court Officer
Curator
Customer Services
Customs Inspector
Day Care Worker
Editor
Editorial Assistant
Employee Benefits
Entrepreneur
File Clerk
Funeral Home Services

Geographer
Geological Technician
Historian
Human Resources
Assistant
Human Rights Officer
Information Technology
Analyst
Insurance Agent
International Relations
Specialist
Interpreter
Journalist
Labour Relations Officer
Law Clerk
Lawyer
Leasing Manager
Legal Researcher
Librarian
Linguist
Manager
Market Researcher
News Analyst
Paralegal
Personnel Manager

Political Organizer
Program Assistant
Program Researcher
Psychologist
Public Relations Worker
Publicist
Publisher
Real Estate Salesperson
Research Assistant
Sales Clerk
Sales Manager
Salesperson
Schedule Clerk
Social Worker
Sociologist
Supply Clerk
Teacher
Teller
Tour Guide
Translator
Travel Agent
Urban Planner
Writer

CAREERS

CREATIVE ARTS

Actor/Actress
Advertising Artist
Advertising Layout
Animator
Antiquer
Architect
Architectural Technician
Art Dealer
Art Gallery
Artificial Limb Maker
Artisan
Artist
Artistic Director
Author
Baker
Band Member
Cake Decorator
Camera Operator
Cartoonist
Chair Upholsterer
Choreographer
Cinematographer
Clothing Designer

Columnist
Composer
Computer Graphics Designer
Conservator
Copy Editor
Cosmetician
Dancer
Decorator
Display Designer
Draftsman/woman
Dressmaker
Entrepreneur
Fashion Consultant
Fashion Designer
Film Editor
Florist
Furniture Refinisher
Gallery Director
Graphic Artist
Graphic Arts Technician
Hairstylist
Illustrator

Interior Design
Media Advertising
Merchandiser
Model
Musician
Pattern Illustrator
Photographer
Printmaker
Recording Technician
Script Writer
Set Designer
Sign Designer
Singer
Special Effects Tech.
Stage Director
Teacher
Television Producer
Television Writer
Textile Designer
Theatre Manger
Wardrobe Supervision
Writer

CAREERS

MATH/SCIENCE

Accountant
Accounting Clerk
Actuary
Agricultural Scientist
Agricultural Science
Air Traffic Controller
Ambulance Attendant
Animal Care Technician
Aquatic Biologist
Architect
Architectural Technician
Biochemist
Biologist
Botanical Technologist
Botanist
Chemical Technologist
Chemist
Chiropractor
Chiropractor Aide
Computer Analyst
Computer Programmer
Dental Hygienist
Dentist
Dietician

Ecologist
Engineer
Engineering Technician
Entrepreneur
Environmental Technician
Farm Consultant
Food Technologist
Forensic Chemist
Forestry Technician
Geologist
Health Care Aide
Home Health Care
Horticulturist
Income Tax Specialist
Laboratory Tester
Landscape Architect
Laser Technician
Marine Biologist
Market Analyst
Mathematician
Medical Assistants
Medical Lab Technician
Microbiologist
Nurse

Nutritionist
Occupational Therapist
Oceanographer
Operations Analyst
Pharmacist
Pharmacy Assistant
Physical Therapist
Physicians
Pilot
Plant Ecologist
Pollution Control Tech.
Radar Technician
Radiological Technician
Reflexologist
Respiratory Therapist
Surgical Technician
Systems Analyst
Teacher
Therapist
Veterinarian
Vet. Assistant
Zoologist

CAREERS

BUSINESS

Accountant
Accounting Clerk
Administrative Clerk
Administrative Officer
Agent
Appraiser
Auditor
Bank Manager
Bank Teller
Billing Clerk
Budget Supervisor
Building Superintendent
Business Economist
Buyer
Cashier
Circulation Manager
Claims Adjuster
Claims Collector
Cost Estimator
Court Clerk
Credit Officer
Customs Broker
Data Entry Clerk
Data Processing Consult.
Economist
Entrepreneur
Executive Assistant
Fast Food Worker
Financial Analyst
Funeral Home Services
Hotel Manager
Industrial Relations Officer
Insurance Agent
Investment Analyst
Investment Broker
Lawyer
Leasing Services
Loan Clerk
Loan Manager
Management Consultant

Marketing Analyst
Marketing Manager
Medical Records Technician
Medical Secretary
Office Clerk
Paralegal
Personnel Supervisor
Political Organizer
Property Administrator
Public Relations
Publisher
Purchasing Agent
Realtor
Receptionist
Researcher
Sales Coordinator
Sales Representative
Salesperson
Secretary
Securities Sales Agent
Seminar Leader
Tax Return Preparer
Teacher
Telemarketer
Title Searcher
Travel Agent
Waiter/waitress