

# Pathways for University

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Students who wish to apply to University following high school graduation should take great care in choosing high school courses when in grades 11 and 12. This applies particularly to the 121, 122 and 120 courses because it is important for students to ensure that their subject choices are acceptable as entrance credits at the universities of their choice. Students must also ensure that they complete a sufficient number of these entrance credits. University minimum admission averages can range anywhere from 65% to 85% and vary by institution and program. A general guideline of acceptable entrance credits can be found in the table below. It should be noted that these courses should only be viewed as examples and **it is imperative for the students consult with the universities or their high school guidance counselor to ensure that they are selecting courses that are appropriate for their aspirations.**

Degree	Courses Required Beyond Electives
Bachelors of Arts	English 121/2
Bachelors of Science	English 121/2, Pre-Calculus 120 A + B, Chemistry 12 and Biology 12 or Physics 12
Bachelors of Commerce or Bachelors of Business Administration	English 121/2, Foundations of Mathematics 120 or Pre-Calculus 12 A
Bachelors of Engineering	English 121/2, Pre-Calculus 120 A + B, Chemistry 12 and Physics 12
Bachelors of Nursing	English 121/2, Pre-Calculus 110 or Foundations of Mathematics 120, Chemistry 12, and Biology 12
Bachelors of Computer Science	English 121/2, Pre-Calculus 120 A + B, One of either Chemistry, Biology or Physics 12
Bachelor of Fine Arts	English 121/2, (Art Portfolio or Music Audition is usually required)

**Canadian Universities typically accept these electives:**

- Biology 121/2
- Calculus 120
- Canadian Geography 120
- Canadian History 120
- Canadian Literature 120
- Chemistry 121/2
- Economics 120
- Foundations of Mathematics 120
- French 12
- FI Canadian History 120
- FI Language Arts 120
- Physics 121/2
- Political Science 120
- Pre-Calculus 12 A and B

**Please consult the selected university when considering the following electives for admission:**

- Business Org. & Man. 120
- Computer Science 120
- Coop Ed 120
- Enviro Science 120
- Int. to Accounting 120
- Law 120
- Media Studies 120
- Music 120
- PE Leadership 120
- Theatre Arts 120
- Visual Arts 120
- World Issues 120

## Pathways for Community/Private College

Students who wish to apply to college following graduation should take care in choosing their courses.

**Admission requirements often differ significantly from program to program and from institution to institution.** Some programs may require certain High School courses, a portfolio, a personal interview, and/or other additional qualifications. When choosing a college program it is important to consult with the individual college. It is important for students to confirm that specific subjects are accepted as admission requirements. The table below will illustrate some of the common courses required to enter into specific college programs. It should also be noted that students in grade 11 are highly encouraged to apply for acceptance into many of these programs.

College	Program	Admission Requirements
New Brunswick Community College (NBCC)	Accounting Technician, Automotive Service Technician, Bricklaying, Early Childhood Education, Education Assistant, Electrical, Hospitality and Tourism Operations, Human Services, Machinist, Office Administration, Police Foundations, Refrigeration and Air Conditioning Technician, Sheet Metal Fabrication	<ul style="list-style-type: none"> <li>• HS Diploma, Adult HS Diploma, or GED Diploma of HS Equivalency</li> <li>• English 122 or 123</li> <li>• Financial and Workplace Mathematics 110 or Foundations of Mathematics 110</li> </ul>
New Brunswick Community College (NBCC)	Business Administration, - Business Administration: Sales and Marketing, - Business Administration: Accounting, - Business Administration: Investment Management, - Business Administration: Marketing, Civil Technician, Electronic Game-3D Graphics, Welding Engineering Technology,	<ul style="list-style-type: none"> <li>• HS Diploma, Adult HS Diploma, or GED Diploma of HS Equivalency</li> <li>• English 122 or 123</li> <li>• Foundations of Mathematics 110</li> </ul>
New Brunswick Community College (NBCC)	Health Information Management, Medical Laboratory Assistant, Pharmacy Technician, Process Control Technical	<ul style="list-style-type: none"> <li>• HS Diploma, Adult HS Diploma, or GED Diploma of HS Equivalency</li> <li>• English 122 or 123</li> <li>• Foundations of Mathematics 110</li> <li>• <b>2 Sciences</b> from Biology 112 or 122, Chemistry 112 or 122, Physics 112 or 122 (program dependent)</li> </ul>
New Brunswick Community College (NBCC)	Chemical Technology (Co-op), Civil Engineering Technology (Building Systems, Architectural, Construction Management, Highway and Municipal), Civil Engineering: Structural, Electrical Engineering Technology (Generation and Distribution, Alternate Energy Systems, Electronics Design and Embedded	<ul style="list-style-type: none"> <li>• HS Diploma, or Adult HS Diploma, or GED Diploma of HS Equivalency</li> <li>• English 122 or 123</li> <li>• Pre-Calculus 110</li> </ul>

	Systems), Communication Systems (Co-op), Electronics Engineering Technology (Industrial, Telecommunications), Energy Systems Technology (Sustainable Energy), Environmental Technology, Industrial Control Technology (Co-op), Mechanical Drafting and Design, Mechanical Engineering Technology (Co-op), Power Engineering Technology (Co-op)	<ul style="list-style-type: none"> <li>• <b>2 Sciences</b> from Biology 112 or 122, Chemistry 112 or 122, Physics 112 or 122</li> </ul>
New Brunswick Community College (NBCC)	Practical Nurse	<ul style="list-style-type: none"> <li>• HS Diploma, or Adult HS Diploma or GED Diploma of HS Equivalency</li> <li>• English 122 or 123</li> <li>• Financial and Workplace Mathematics 110 or Foundations of Mathematics 110</li> <li>• <b>1 Science</b> from Biology 11 or 12, Chemistry 11 or 12, Physics 11 or 12</li> </ul>
NB College of Craft and Design (NBCCD)	All direct from high school entrance programs	<ul style="list-style-type: none"> <li>• HS Diploma, or Adult HS Diploma or GED Diploma of HS Equivalency</li> <li>• Financial and Workplace Mathematics 120 or Foundations of Mathematics 120</li> </ul>
Maritime College of Forest Technology	All programs	<ul style="list-style-type: none"> <li>• HS Diploma, or Adult HS Diploma or GED Diploma of HS Equivalency</li> <li>• English 121/2</li> <li>• Pre-Calculus 110 or Foundations of Mathematics 120</li> <li>• Biology 112 or 122</li> </ul>
Nova Scotia Agriculture College (NSAC)	Bachelor of Science (Agriculture), and Pre- Veterinary Medicine, Engineering, Bachelor of Technology in Applied Science, Diploma in Veterinary Technology	<ul style="list-style-type: none"> <li>• HS Diploma, or Adult HS Diploma or GED Diploma of HS Equivalency</li> <li>• Pre-Calculus 12 A and B</li> </ul>