

the University of New Brunswick International Viewbook



Contents

- Why Choose Eastern Canada? 2
- Our Campuses 4
- Arts 6
- Business 8
- Computer Science10
- Engineering12
- English Language Training14
- Environment16
- Healthcare18
- Kinesiology 20
- Leadership 22
- Science 24
- Student Services 26
- Finances 28
- Further Studies 30
- Application 33

Throughout this guide, programs on our UNB Fredericton campus are shown with **F**.
Programs available on our Saint John campus are shown with **SJ**.



Why Choose Eastern Canada?

Welcome to Canada, Welcome to the East Coast

Canada is a global leader in safety, freedom, and education. Canada also has a long-standing history of welcoming newcomers. The government is very supportive of international students in its immigration policies. For these and many other reasons, Canada is one of the best places in the world to attend university.

But did you know Canada is, geographically speaking, the second largest country in the world? So where will you choose to study within Canada?

UNB invites you to come experience Canada's beautiful East Coast, where the cost of living is low and the quality of life is very high. Known for its friendly people and its emphasis on community, New Brunswick is an ideal place for students seeking a world-class education in a small, secure, and culturally vibrant part of Canada.

“ UNB is small enough that it's easy to become a part of many interesting activities yet it's also large enough to have amazing opportunities.”

Rachel Savidge, B.Sc.Eng. '09



One University, Two Cities

The University of New Brunswick (UNB) was established in 1785 and is Canada's oldest English speaking university.

At UNB, you can choose between two beautiful, distinctly different campuses. The Fredericton campus is located in New Brunswick's capital city, while the Saint John campus is located in the Province's largest city. Fredericton and Saint John are both safe, clean environments in which to study, work, and play.

International students from over 70 countries make up almost 12% of UNB's student population.

Fredericton



Fredericton has a population of approximately 60,000 people and is nestled along the banks of the beautiful St. John River. Fredericton offers all the resources of a big city, but with a friendly “hometown” feeling.

The UNB Fredericton campus is a 10 minute walk from the charming downtown core, where students can enjoy bookstores, import boutiques, and many restaurants and cafés. Fredericton also boasts a lively artistic scene, including theatre, art galleries, and musical performances. On Saturday mornings, the Fredericton community enjoys the W.W. Boyce Farmer’s Market, where you can savour delicious fresh foods and peruse artisan works. Nature lovers delight in the numerous walking trails along the river’s banks and in Odell Park. During the winter months, many trails are groomed throughout the city for cross-country skiing.

Approximately 8,300 students study on the UNB Fredericton campus each year.



Saint John

Saint John has a population of approximately 130,000 people and is located on the Bay of Fundy, home of the world’s highest tides and one of the marine wonders of the world. Saint John is also Canada’s oldest incorporated city, dating back to 1785. Today, Saint John is a vibrant community with an increasingly multicultural mix of people and a dynamic, diverse business community.

The UNB Saint John campus is located north of the city’s central “uptown” area and overlooks the majestic Kennebecasis River. In addition to campus life, many other activities are just a short bus ride away, including shopping, concerts, sporting events, social clubs, seasonal festivals, and an ever-growing variety of restaurants. Nature lovers can also enjoy Rockwood Park, one of the largest urban parks in North America, and numerous beaches in and around the city.

Approximately 2,550 students study on the UNB Saint John campus each year.



Arts



The UNB Faculty of Arts offers expertise in many disciplines. Students can pursue a variety of program combinations, including honours study, double majors, and/or multiple minors. Students graduate with a **Bachelor of Arts** degree.

Arts students can major in the following subject areas:



Majors in:

- Anthropology
- Archaeology
- Biology
- Chemistry
- Classics and Classical Studies
- Economics
- English
- French
- Geology
- German
- History
- Math
- Multimedia Studies
- Philosophy
- Physics
- Political Science
- Psychology or Biopsychology
- Sociology
- Spanish
- Statistics
- World Literature & Culture Studies



Majors in:


- Biology
- Economics
- English
- French
- History
- Information and Communication Studies
- Mathematics
- Philosophy
- Politics
- Psychology / Biopsychology
- Sociology
- Sport and Exercise Psychology
- Statistics






Additional areas in which students may take a double major and/or a minor include:

- business; cognitive neuroscience; culture and economy; criminal justice; fine arts; gender studies; german studies; health sciences; international development studies; international studies; law in society; linguistics; psychosocial dimensions of sport; public policy; women's studies; world literature and culture studies.

Further options:

Some students interested in Fine Arts may be eligible for a **Bachelor of Applied Arts** degree in conjunction with the local crafts college. 

Concurrent degree programs are also available in:

- Arts and Computer Science 
- Arts and Education 
- Arts and Science 



Business



As global markets continue to grow, so does the value of a quality business education.

UNB is the leading business school in New Brunswick and a **Bachelor of Business Administration (BBA)** degree from UNB is recognized across Canada and around the world. Established in 1951, the BBA program provides students with the multidisciplinary skills required for success in today's business organizations. Students can choose from a variety of unique, innovative program options on each campus. Students benefit from the experience of more than 62 full time business faculty members and numerous professional partners in the business sector. Class sizes are small and programs are always up-to-date.



F Majors in:

- Accounting
- Economics
- Finance
- Finance & Economics
- Human Resource Management
- Marketing

Concentrations in: Accounting, Economics, Finance, eBusiness, Entrepreneurship, Finance, Finance & Economics, Human Resource Management, International Business, Marketing, and Operations Management.

Specialized programs include:

- **Work term and co-op opportunities:** students gain valuable work experience while studying and participate in professional development and networking activities.
- **Student Investment Fund:** students manage a portfolio valued at over \$2 million while completing Chartered Financial Analyst (CFA) Level 1 preparation.
- **Export Partnering Program:** students help real companies develop their marketing plans.
- **Activator Program:** students gain hands-on entrepreneurship experience with a start-up venture.
- **BBA in Aviation and Operations Management:** students earn a BBA and obtain a commercial pilot's license in a three year accelerated program.
- **BBA & Law:** eligible students can pursue a dual degree in business and law.

SJ Majors in:

- Accounting
- eCommerce
- Economics
- French
- Human Resource Management

Concentrations in: Accounting, eCommerce, Finance, Human Resource Management, and Marketing.

Specialized programs include:

- **Bachelor of Applied Management (BAM):** The unique BAM programs combine hands-on technical learning of a college with the theoretical and managerial element of a University degree. Students can obtain a BAM degree in one of the following areas:
 - General Business
 - eCommerce (BAMeComm)
 - Accounting (BAMA)
 - Hospitality and Tourism (BAMHT)
- **Co-op Program:** students gain valuable work experience while studying and participate in professional development and networking activities; New Brunswick's only fully accredited co-op program.
- **Additional Certificate Programs in:** Business Administration; Accounting; eCommerce; Human Resource Management; and Community Leadership.

Computer Science



UNB is home to the oldest Computer Science Faculty in Canada.

UNB offers five distinct Computer Science degrees at the undergraduate level. These degree options enable you to customize your degree so you will stand out in any industry. You can focus on pure programming or obtain a combination of programming and management skills. Each degree also includes a variety of elective courses.

F Bachelor of Computer Science (BCS)

Majors include: Hardware Systems, Software Systems, Information Systems, Theory & Computation, Multimedia Systems, and Geographic Information Systems.

Specialized programs include: Co-op Option; Minor in Computer Science; Certificate Program in Software Development; Concurrent degree programs in Bachelor of Arts and BCS, BCS and Bachelor of Geodesy and Geomatics Engineering, BCS and Bachelor of Science.

SJ Bachelor of Science in Computer Science (BScCS)

Majors include: Networking, Scientific Computing, and Software Engineering.

Specialized programs include: Work Option; Independent Study; Certificate in Computer Science or Data Analysis.

F Bachelor of Science in Software Engineering (BScSwE)

The BScSwE degree is a joint program between the Faculty of Computer Science and the Department of Electrical and Computer Engineering. The BScSwE program teaches you to apply engineering techniques to the design, implementation, testing, and maintenance of software products. Graduates of the BScSwE program are eligible to enter the Member-in-Training process, leading to a designation as a registered Professional Engineer.

F Bachelor of Information Systems (BISys)

The BISys program teaches you how to apply information technology to solve problems within a modern business. You will gain an understanding of how an organization works and the technical skills necessary to design, develop, and manage its supporting information systems. Co-op option available.

SJ Bachelor of Information Sciences (BISc)

The BISc is an interdisciplinary program with core courses in Business Administration, Computer Science, Economics, Mathematics, and Statistics. Emphasis is placed on the statistical methods and modern computing techniques of handling data, the design and application of mathematical models, and the management of information within organizations.



Engineering



In 1854, UNB was the first university in Canada to introduce an engineering program. Since then, UNB has become a world leader in Engineering education and research. Graduates from Engineering not only design and build roads and bridges; they are developing bio-fuels and renewable energy resources, they are creating cutting edge communication and mapping technologies, and they are making major contributions in the field of biomedical engineering and prosthetic limbs.

UNB offers eight distinct engineering programs at the undergraduate level:

- Chemical
- Civil
- Computer
- Electrical
- Geological
- Geomatics
- Mechanical
- Software

These programs require between four to five years of full-time academic study in a rigorous academic environment. Students are eligible to participate in numerous co-op and work experience programs after their first year of study. These are paid positions which provide students with valuable hands-on experience, as well as networking opportunities and a competitive edge with major players in the industry.

Graduates earn a **Bachelor of Science in Engineering** degree, or **B.Sc. (Eng)**, and are eligible to enter the Member-in-Training process, leading to a designation as a registered Professional Engineer, or P. Eng.

While all students will complete their Engineering degree on the UNB Fredericton campus, students have the option to do the first two years of their degree on the UNB Saint John campus.



English Language Training F SJ



You do not need an English test score to apply to UNB.

International students who do not have a test score, or who still need to improve their English skills, may be accepted on the condition that they will complete full-time **English Language Training** at UNB before starting their undergraduate degree. Conditional admission still enables students to obtain a study visa into Canada.

F Students who are conditionally accepted to the UNB Fredericton campus complete their English Language Training through UNB’s English Language Program (ELP) at the College of Extended Learning. ELP was established in 1950 and is nationally recognized as an effective, credible way to develop the language skills needed to succeed in an English academic environment.

ELP students follow the Program of Academic English Preparation (PAEP) curriculum, which involves 23 hours of class time per week (excluding homework and study time). ELP students can commence their English training in September, January, or May.

SJ Students who are conditionally accepted to the UNB Saint John campus complete their English Language Training at **Saint John College**. Saint John College was established in 1985 and, since that time, it has been evolving to meet the needs and demands of the modern English language student.

Saint John College students progress through six levels of English training: Levels 1 to 5 comprise the English for Academic Purposes (EAP) Program; students who reach Level 6 enter the ESL Support Program and are able to enter academic courses on a “sheltered” basis. Students are tested and placed upon arrival and may not need to start at Level 1. Each level is eight weeks long and involves approximately 35 hours of class/lab time per week (excluding homework and study time). Saint John College students can commence their English training in January, March, May, July, September or November.



Students who have obtained the scores below will not need to complete English Language Training and may receive direct admission into an undergraduate program.

| | TOEFL (IBT) | TOEFL (paper) | IELTS | CAEL |
|----|--------------|---------------|---------------|--------------|
| F | 92 or higher | 580 or higher | 6.5 or higher | 70 or higher |
| SJ | 80 or higher | 550 or higher | 6.5 or higher | 60 or higher |

Environment



Eastern Canada is home to some of the world's richest natural resources and UNB has a long-standing history of excellence in the fields of **Forestry and Environmental Management**. Never before has this expertise been as critical as it is today.

The world is facing environmental challenges that will have serious consequences around the globe. As a result, there is a growing and urgent need for well-trained environmental professionals. To address this need, UNB's Faculty of Forestry and Environmental Management offers two distinct undergraduate degree programs:

- **Bachelor of Science in Environment and Natural Resources (BScENR):** Students in this four-year program build a strong base in science and then learn to solve environmental and natural resource problems from a holistic, systems perspective, incorporating knowledge of land, water, air, plants, animals, and people. Students learn to characterize, analyze, and predict change, and how to synthesize information into comprehensive solutions for stewardship of natural resources. Students specialize in one of three areas: Wildlife Conservation, Environmental Management, or Water Resources Management. Students can also earn a Wildlife Management Certification.
- **Bachelor of Science in Forestry (BScF):** Students in this four-year program learn through observation and experimentation in UNB's 1,500 hectare University forest, near the UNB Fredericton campus. Students gain the knowledge and experience necessary to regenerate forests, protect waterways, conserve wildlife habitat, and protect forests from fire, disease, and insects. Coursework involves collaborations with various provincial partners, as well as a final-year practicum in which students develop a forest management plan for a landowner. Graduates may be eligible for designation as a Registered Professional Forester, equipped to decide when, where and how Canadian forests are harvested and replanted.

Students interested in environmental issues are also encouraged to learn about more options available through UNB's Faculty of Science at page 24.



Healthcare



Bachelor of Nursing



UNB's *Bachelor of Nursing (BN)* program is a four-year professional degree program. Students learn how to care for individuals in any hospital unit, nursing home, or rehabilitation centre. Classroom study is enhanced with lab work and hands-on clinical experience in various healthcare settings. Admission to Nursing at UNB is highly competitive.

Only Canadian permanent residents and citizens are eligible to practice nursing in New Brunswick following graduation. However, a nursing degree from UNB is a great asset in many other international healthcare environments.

Bachelor of Health Sciences



Students in UNB's *Bachelor of Health Sciences (BHS)* program study next-door to the Province's largest teaching hospital, and can specialize in one of four highly specialized streams:

- Nuclear medicine
- Radiation therapy
- Radiography
- Respiratory therapy

Prospective students must apply as a first year Science student. They will be transferred into the BHS program once they are accepted by the relevant healthcare partner and once they have completed one year of core Sciences courses.



Kinesiology



Kinesiology is the study of human movement. Its goal is to discover strategies to improve human health and performance. Since 1957, UNB's Faculty of Kinesiology has been a national leader in the field and has earned a reputation for caring, knowledgeable, and available faculty and staff.

Students can choose from two undergraduate program options:

- **Bachelor of Science in Kinesiology (BScKIN):** This four-year program provides students with a solid theoretical and practical foundation in human movement and performance in relation to exercise, sport, work, and wellness. This program is designed for students interested in health-related professions (such as sports medicine, physiotherapy, occupational and massage therapy), or careers in ergonomics, fitness, teaching, and coaching.
- **Bachelor of Recreation and Sports Studies (BRSS):** This four-year program prepares students to create, manage, and execute high-quality programs that will contribute to healthy communities and healthy lives. Students concentrate in one of four areas: disciplinary, management, wellness, or education. This program enables students to meet the growing demand for trained professionals and managers in the field of recreation and sports management, health and wellness, teaching, and coaching.

Both of these programs combine high-quality instruction with hands-on learning. Students in both programs enjoy small classes, state-of-the-art laboratories, and placements in career-related work situations.

In 2011, students will have access to the Richard J. Currie Centre, a world-class fitness, recreation, and research facility that will house one of the most advanced motion analysis labs in Canada.



Leadership



Do you aspire to be a leader of tomorrow? Do you want to learn about the world around you and how you can participate in it as an effective global citizen? If so, then UNB's prestigious **Renaissance College** is the place for you.

UNB's Renaissance College houses Canada's first undergraduate program in leadership. To date, it is one of the only programs of its kind in Canada. All students:

- participate in a three year, interdisciplinary program which focuses on problem solving, critical thinking, and effective communication;
- gain a strong academic foundation in leadership theory and also develop practical leadership skills and abilities through experiential learning methods;
- participate in a compulsory service-based internship abroad.

Upon completion of the program, students earn a ***Bachelor of Philosophy in Interdisciplinary Leadership Studies*** degree, with a minor in at least one other subject area.

Renaissance College students attend classes in a beautiful 1895 Victorian mansion in Fredericton's historic district, just a brief walk away from UNB Fredericton campus. Students enjoy a community environment, with no more than 25 classmates. All classes are taught in seminar format.

Students exit the program as life-long learners with the ability to create their own opportunities to achieve their life goals. Many Renaissance College alumni have pursued graduate studies or have entered prestigious professional programs, while others have entered the workforce directly.



Science



Founded in 1785, the Faculty of Science is one of UNB's oldest faculties. It has a rich history of accomplishments and an outstanding reputation, both nationally and internationally.

Of particular renown are UNB's Planetary and Space Science Centre (the only NASA-supported regional planetary image facility in Canada), the Canadian Rivers Institute (providing state-of-the-art facilities for environmental research), and UNB's Marine Biology program (located on the Bay of Fundy's unique eco-system).

Students can major in one of the following areas:

Majors in:





- Biology
- Chemistry
- Environmental Biology
- Environmental Geochemistry
- General Science
- Geology
- Mathematics
- Math & Statistics
- Physics
- Psychology
- Statistics

Majors in:

- Biology
- Economics
- Environmental Biology
- Financial Mathematics
- General Science
- Marine Biology
- Mathematics
- Psychology
- Statistics

Graduates earn a **Bachelor of Science (BSc)** degree and are qualified to become professional scientists in university settings, government, or private industry. They are also well-prepared for further study at medical school or other health-related professional programs, including: dentistry, education, forensics, journalism, law, medicine, pharmacy, physiotherapy, and veterinary sciences.

Science students can also pursue concurrent degree programs in:

- Arts and Science ~  
- Education and Science ~ 
- Computer Science and Science ~ 



Student Services



UNB provides a variety of services to help its students succeed both inside and outside the classroom. International students can draw on a growing list of services available to help them adjust to life in Canada and on campus, and to provide support throughout their time at UNB. The cost of these services is included in the cost of studying at UNB.

The following services are available on both UNB campuses:

- Access to an International Student Advisor as soon as you are accepted to UNB
- Student visa support
- Orientation programs upon arrival
- Access to academic advisors and faculty mentors
- Student Buddy program
- On-campus health clinics
- Math and writing help centres
- Employment centres
- Disability centres
- Emotional counselling
- Student Union representation
- Access to a Student Advocate and a Human Rights Officer
- International student cultural activities
- Access to athletic facilities and leisure activities
- Numerous athletic clubs and sports teams
- Numerous clubs and societies

Free transportation from the airport is available to students coming to the UNB Saint John campus.

Many other community-based groups and support services also exist for newcomers in both Fredericton and Saint John, including multicultural organizations and family resource centre.



Finances



A Canadian university education is one of the best investments you can make in your future.

UNB's tuition rate is very competitive compared to fees charged by other Canadian and American institutions. This combined with the low cost of living in New Brunswick makes UNB one of the most affordable destinations to pursue a quality education in the West.

2010/2011 undergraduate fees are as follows:

| Annual Costs | UNB Saint John | UNB Fredericton |
|---------------------------------------|-----------------------|-----------------------|
| International Tuition (undergraduate) | \$11,912 | \$11,912 |
| Student Fees | \$ 450 | \$ 389 |
| Health Insurance | \$ 816 | \$ 816 |
| Residence/meals | \$ 6,700 | \$ 7,864 |
| Books/supplies (estimate): | \$ 1,500 | \$1,500 |
| Entertainment/other (estimate): | \$ 2,000 | \$ 2,000 |
| TOTAL | (CDN) \$23,378 | (CDN) \$24,481 |

Engineering students pay an additional \$1000 / year.

“For academic reputation and reasonable cost, a Canadian education is the best choice. Total tuition at UNB is more reasonable than at many other universities, making it the best value for your dollar.”

- Fadi Yousef, Jordan



Employment International students are eligible to work on or off campus throughout their studies at UNB. Many of UNB's degree programs offer excellent co-op and work placement options, enabling students to earn money while gaining relevant work experience and making contacts in the industry. Following graduation, international students are eligible to stay in Canada and work for up to two years in a job relating to their field of study.

Scholarships International students are eligible for the same scholarships as Canadian students. UNB awards over \$4 million in scholarships to undergraduate students each year. High school applicants with grades of 80% or higher are automatically eligible for a guaranteed bursary between \$500 and \$1,500. After their first year of study, international students may apply for any and all applicable UNB scholarships.

Further Studies



UNB offers countless opportunities to students who already hold an undergraduate degree. Opportunities for further study at UNB include:

Education



UNB's Faculty of Education shapes the teachers of tomorrow, providing them with the understanding and skills necessary to effectively teach all age groups. Through its cutting edge, 11-month curriculum, the UNB Faculty of Education covers topics such as the nature of education, human development, and how to work with special needs students. UNB Education students can also specialize in more areas than most other universities. The program also includes a mandatory practicum in a New Brunswick classroom. Admission is competitive, requiring "teachable" content at the undergraduate level. For more information, please visit: www.unbf.ca/education

Law



UNB's Faculty of Law is revered as "Canada's great small law school", with an average class size of just 80 students. Students benefit from a well-rounded curriculum and many elective options. Admission is highly competitive, requiring strong academic performance in an undergraduate degree and a solid LSAT score. For more information, please visit: www.unb.ca/law

Note that international students may not be eligible to teach and/or practice law in New Brunswick following graduation, depending on their residency status and regulations established by provincial licensing bodies.

Graduate Studies



UNB is home to an outstanding and expansive School of Graduate Studies. Students can pursue Master's and/or Doctoral studies in a wide variety of fields through any of UNB's faculties. Admission is competitive and students' research interests must align with faculty resources. For more information, please visit: www.unb.ca/gradstudies





UNIVERSITY OF
NEW BRUNSWICK
CANADA

Send applications and
all supporting documents to:

The University of New Brunswick
International Recruitment Centre
100 Tucker Park Road
P.O. Box 5050,
Saint John, NB Canada, E2L 4L5

Telephone: +01.506.648.5845

Fax: +01.506.648.5846

E-mail: international@unb.ca

www.unb.ca/prospective/international

