

Study in Canada

Engineering

It is one of the oldest and famous disciplines of study. Civil, Computer, Electrical and Mechanical engineering are the four basic fields of engineering with many new arriving fields.

Engineering is a course which consists of theoretical knowledge and its practical application. Engineering students are taught to use mathematical and scientific principles to develop solutions for real world, technical problems.

Why to Choose Canada for Studying Engineering?

- Canadian universities provide quality education in **affordable tuition fees**.
- After studying Engineering in Canada, students can get a number of post study work options as Canada is a hub for many technical and IT industries.
- Most of the **top ranked and popular universities** and institutes are in Canada.
- Though the quality of education and living standards are highest in the world, the tuition fees and the cost of living for international students are lower as compared to other countries.
- Another reason can be students can get a wide variety of choices to choose from while choosing the faculty of engineering. Apart from Electrical engineering, chemical engineering etc. students also get options like Agricultural engineering, Environmental engineering and Biomedical engineering. They can even pursue their masters or even research.
- By completing their Bachelor degrees from the reputed institutes and universities in Canada, students can gain respect not only in Canada, but anywhere in the world as these universities are ABET (Accreditation Board for Engineering and Technology) approved.
- In Canada, there are many renowned companies, so students can get a large number of good opportunities for doing internships and researches which will boost their career and make their biodata strong. Thus, they can also get good jobs in various industries.

Top 10 Engineering Universities in Canada :-

Top Engineering Universities	City
University of Toronto	Toronto
University of British Columbia	Vancouver
University of Waterloo	Waterloo
McGill University	Quebec
University of Alberta	Edmonton
University of Montreal	Montreal
Queen's University	Kingston
McMaster University	Kitchener
The University of Western Ontario	City of London
University of Calgary	City of Calgary

Eligibility Criteria

The **duration of an engineering program in Canada** is generally **4 years for full time** course. The eligibility criteria or the admission requirements are as follows.

- Successful completion of an exam which is equivalent to Canadian secondary school exam or higher secondary school exam with good marks.
- Engineering institutes at Canada may require 70% as their admission requirement or due to the reason that some engineering programs are highly competitive, some institutes or universities may require 80% as their admission requirement. Very good marks in Mathematics, Chemistry and English.
- French is also a medium of instruction in Canada. Hence, a strong proficiency in English or French is required. For students whose first language is not English, a very good score in TOEFL (minimum 90) or IELTS is required. IELTS is also accepted by many institutions.

Total Fees Structure for Engineering Course

While applying to universities in abroad, international students have to consider tuition fees of the various institutes and universities. Canada charges **less fees to its international students**, hence it is one of the reasonable countries for students who want to study abroad. Thus, international students prefer to study in Canada than studying in the countries like USA, Australia etc. so that they can avoid the huge amounts of fees.

Undergraduate engineering courses in Canada consists of 4 terms and post graduate PG courses consists of 3 or 6 semesters, that is, 1 or 2 years.

The fees for the engineering courses at various top universities in Canada is as follows

University	Tuition Fees UG (Annual)	Tuition Fees PG (per term)
University of Toronto	\$47,020 (Rs. 24,92,060)	
McGill university	\$37,054 (Rs. 19,63,862)	\$9584 (Rs. 5,07,952)
University of British Columbia	\$35,418 (Rs. 18,77,154)	\$8106 (Rs. 4,29,618)

University of Alberta	\$25,655 (Rs. 13,59,715)	\$9535 (Rs. 5,05,355)
University of Waterloo	\$33,770 (Rs. 17,89,810)	\$7358 (Rs. 3,89,974)

Thus, the **fees for engineering UG courses** are in the range of **10 - 30 lacs per year** while fees for the PG engineering courses are in the range of **2 - 7 lacs per term**.

Apart from the tuition fees, students also need to spend on their living expenses. This can be between **\$15,000 to \$40,000** (between Rs. 7 - 21 lacs) annually which includes rent, food, transportation, entertainment and other expenses and it can vary from student to student depending upon their lifestyle.

Agricultural Science & Forestry

Study of soil, animal and plant life and the natural resources they produce comes under the discipline of 'Agricultural science and Forestry'. Studies in agriculture, horticulture, aquatic life, crop sciences and forestry, food science and nutrition, dairy science and agronomy etc. all are the sub-disciplines of Agriculture and forestry.

In fact, Agriculture and forestry is a scientific field which studies plant and animal life and the surrounding environment. In this course, students will learn about forest restoration, managing natural resources, and how to preserve the beautiful nature that surrounds us.

This subject tells us about how humans use and develop natural resources for their benefit.

There can be different reasons behind studying Agricultural Science & Forestry in Canada:

- One can get **quality education** and that too at **low tuition fees** at Canadian universities.
- The subject is taught in **English language**.
- Students can get a number of post study work options after studying agricultural science and forestry in Canada.
- There are many different courses and colleges to choose from for students while applying for the agricultural science and forestry program as there are many universities and colleges offering number of courses in this subject.

- Canada has **good job opportunities** for this course.

Top 8 Agricultural Science & Forestry Universities in Canada

Top Universities	City
University of Guelph	Guelph
University of British Columbia	Vancouver
University of Alberta	Edmonton
McGill University	Quebec
University of Manitoba	Winnipeg
University of Montreal	Montreal

Top Universities	City
University of Saskatchewan	Saskatoon
University of Toronto	Toronto

Eligibility Criteria

The eligibility criteria for Agricultural science and forestry in Canada for Indian students is as follows

- A high school diploma or equivalent such as a certificate in higher secondary school examination from a renowned university.
- A good understanding of both natural and social sciences, and a base for subjects such as biology, environmental sciences, chemistry, economics and business and management would be an added advantage.
- For post graduate courses relevant work experience is required.
- International students need to prove their language proficiency in English language by scoring good in TOEFL or IELTS.

Total Fees Structure for Agricultural Science and Forestry

- The bachelor course for agricultural science and forestry is of the **duration of 4 years** and the duration of master's degree course is either **1 year or 2 years**.
- The fees for the agricultural science and forestry course vary depending upon the university and course selected by the students.
- The **fees for bachelor courses** are in the range of **9 to 13 lacs per year**. Whereas the fees for the post graduate program in Agricultural science and forestry are in the range of 3 to 6 lacs per year.

The fees for full time MBA (Business Management) courses are at University college Dublin and at Trinity college Dublin are in the range of 34,000 Euros, that is around Rs. 27,20,000. The fees for MBA in international business are 14,000 Euros that is around Rs. 11,20,000 at Griffith college.

The fees for engineering in Ireland are in between **10000 to 25000 Euros per year** that is around **8 lakhs to 20 lakhs per year**. The engineering courses in Ireland are of the 4 years duration. So, the total cost of the engineering course goes up to 80 lakhs.

At Dublin business school, there are different MBA courses available like MBA - General, MBA in Cloud computing, MBA in Finance, MBA in Human Resource management, MBA in Information systems, MBA in Marketing, MBA in Project management and the fees for these courses are also

less which are 11,500 Euros, that is around Rs. 11,20,000 per year and these are only one year courses.

At some of the colleges in Ireland MBA can be done in between 7 to 10 lakhs per year. These colleges and the courses are as follows

Limerick Institute of Technology, Limerick	Fees - Rs. 8.6 lacs
Institute of Technology, Carlow	Fees - Rs. 8.6 lacs
IBAT College, Dublin	Fees - Rs. 7.5 lacs

This will require additional cost of living, food and other expenses. This cost is in between 5 to 10 lakhs per year depending upon your lifestyle.

Thus, the total cost of studying management courses or MBA at Ireland goes up to Rs. 25 to 35 lakhs for one year depending upon which university or course you have chosen and your style of living.

Media & Journalism

The art of delivering entertainment and information to specific audiences through different techniques and channels of communication is known as 'Media & Journalism'. Radio, television, press agencies or online medium are some of the mediums in which journalists can do specialization.

Benefits of Studying Media and Journalism in Canada:

- Most of the colleges teach this program in English.
- A wide variety of courses are available at Canadian institutes for Media & Journalism courses. Thus, students can get many choices of courses to choose from.
- The Canadian colleges offer education in media & journalism which is of the best quality and most advanced than other countries.
- Canada has some of the best schools in media and communication.

Top 8 Media and Journalism Universities in Canada

Top Universities	City
-------------------------	-------------

University of Toronto	Toronto
Carleton university	Ottawa
University of Alberta	Edmonton

Top Journalism Universities	City
University of British Columbia	Vancouver
University of Calgary	Calgary
University of Western Ontario	London
University of Victoria	Victoria
Concordia University	Quebec

Eligibility Criteria

The eligibility criteria for media & journalism in Canada for Indian students is as follows

- Many of the universities will require a completed credential assessment report which students should send at the time of application. This is required as there is a difference between secondary school system in Canada and in other countries.
- International students would also need to show their proficiency in English language by giving exams like TOEFL or IELTS. In the each band of test, students should achieve a minimum score of 6.0 or above.

- Some universities may also ask for internal assessment in addition to TOEFL or IELTS.
- Students should be able to show that they or their parents or their sponsor are capable of providing all the funds required to pursue a media & journalism degree from a Canadian school.

Total Fees for Media & journalism in Canada

The **course in media and journalism** are of the duration of **1 year, 2 years or may be less** than 1 year in some colleges. There are variety of courses available in media & journalism like :- Arts & entertainment journalism, Contemporary journalism, Sports journalism, Master of media in journalism & communication, Broadcast journalism - television news, Master of Journalism, Master of public policy and global affairs etc.

The **fees for media & journalism** vary according to the university and course selected by the students. It can range from as low as **Rs.4 to 29 lacs per year**. (University of Toronto).

Mathematics

The study of numbers, and their structures which is commonly used for calculations, counting and measurements from ancient times is known as Mathematics. It is a fundamental science which is taught from many years or ages. It is a basis for many complicated subjects such as weather forecasting, material analysis and processing, financial services, network management or optimization etc. It has number of its applications in academic field.

After completing graduation, students can work as a teacher, researcher or even they can work in most of the branches of engineering.

Some Good Reasons Why to Study Mathematics in Canada

- Most of the Mathematics teaching institutes at Canada teach Mathematics courses in English.
- Mathematics institutes in Canada have **affordable fees compared to others**.
- They provide quality education.
- A large variety of Mathematics courses are available in Canada and those are of **duration from 1 year to 5 years**. PhD and post graduate courses are also available at various universities so students get a wide variety of choices.

Top 10 Mathematics Universities in Canada

Top Mathematics Universities	City
University of Toronto	Toronto
University of British Columbia	Vancouver
University of Waterloo	Waterloo
McGill University	Montreal
University of Alberta	Alberta
University of Montreal	Montreal
University of Victoria	Victoria

Top Mathematics Universities	City
McMaster University	Hamilton
Simon Fraser University	Burnaby

Queen's University	Kingston
---------------------------	----------

Eligibility Criteria

The eligibility criteria for Mathematics in Canada for Indian students is as follows

- A strong base and understanding of Mathematics.
- A good score in TOEFL, IELTS or MELAB so that students can prove their efficiency in English language.
- Nationality: Indian.
- Student must be 17 years old and above.
- Students should have passed 10+2 (Physics, Chemistry & Mathematics) from any recognized Board of India or abroad.
- Minimum 50% aggregate of PCM combined.
- Student who wish to apply for a doctoral program or for master's program should hold a bachelor's degree with first class honours.

Total Fees for Mathematics in Canada :-

In Canada, bachelor's courses are of the duration of 3 to 4 years and master's programs are of the duration of 2 years to 3-4 years.

Students can choose from a variety of courses for Bachelors in Mathematics such as Mathematics, Computational math, Applied mathematics, Mathematics and statistics, Mathematical science, Mathematics and economics, Mathematics and computer science etc.

The fees for **bachelor courses in mathematics** range in between **CAD 4000 (Rs. 2,12,000) to 40000 (Rs. 21,20,000)**.

The **fees for postgraduate courses** or doctorate (PhD) programs are in the range of **CAD \$ 9,000 - 13,000** at various universities, that is in between **Rs. 4,00,000 - 7,00,000 Indian rupees**.