

Canadian Research System

Research Methodology

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17 September 2020

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Introduction to Canada

- Located in the northern part of North America.
- World's second-largest country by total area.
- Capital is Ottawa, and largest metropolitan areas are Toronto, Montreal, and Vancouver.
- A developed country; its economy is the tenth-largest in the world (IMF, 2019).



Figure 1: Canada's flag.

Why choose Canada to study?

- 2nd in the world based on quality of life. (US News Best Countries, 2020).
- Among the safest countries for international students. (StudyLink)
- The opportunity to work with leading experts and take advantage of modern technologically advanced universities such as University of Toronto.
- Diverse and multicultural country.

- There are around **100 research universities**: public and private universities.
- **9 institutions** from the top 200 ranked universities (Times Higher Education, 2019).
- **Highly qualified** professors and researchers.
- One of the **highest rates** of universities doing research in the world.
- Research can be done in English, French or both.

Canada's Education System

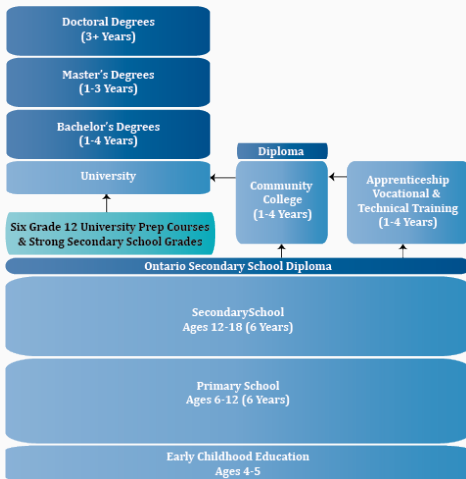


Figure 2: Canada's Education System

Source: National Center on Education and the Economy

International Students

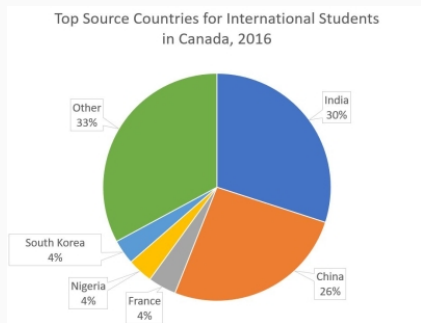


Figure 3: Source countries for international students in Canada in 2016.

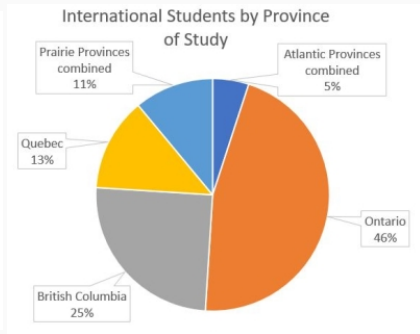


Figure 4: Top Canadian provinces with international students.

Source: CIC News

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PhD Study in Canada - Key Details

| | |
|-------------------------------|--|
| Universities | 96 |
| Nobel Prizes | 27 |
| Oldest University | Université Laval (1663) |
| International Students | 209,979 |
| PhD Length | 3-6 years |
| Representative Fees | CAD \$10,000-20,500 (USD \$7,655-15,695) |
| Academic Year | September to April |

Source: FindAPhD.

Steps to apply to a PhD

1. **Find a PhD program** you are interested in, in a *Designated Learning Institution* (cf. Government Website).
2. **Find an accredited supervisor** and a research subject (on the university's website).
3. Gather all the **required documents**. (cf. next slide)
4. Start the **application for a student visa** (and health insurance).

- **Grade Point Average (GPA):** 3.0 or higher for admission to a Canadian PhD program.
- **Graduate admissions tests:** Graduate Records Examination (**GRE**) or Graduate Management Admissions Test (**GMAT**).
- **Language requirements:** Two possibilities, French or English, depending on the province.

Choosing your province

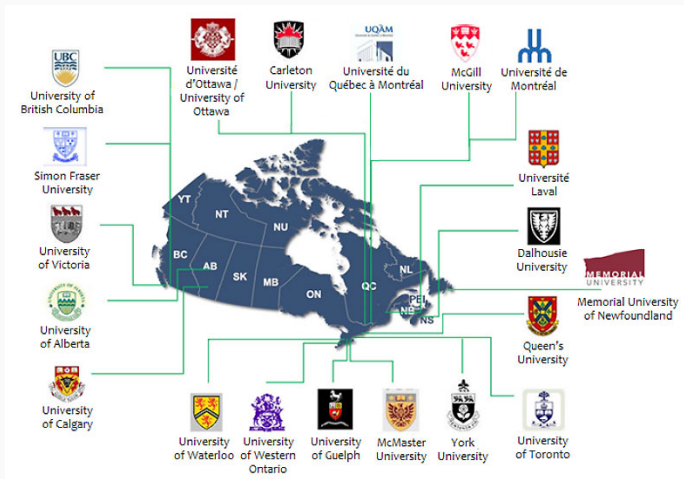


Figure 5: Sample of Canadian universities by province.

"Most newcomers to Canada settle in one of the country's three largest cities: **Toronto, Montreal, and Vancouver**" (according to the government).

Table 1: Top 5 Canadian Universities in 2021.

| University | City | THE 2021 | % International Students in each university |
|--------------------------------|-----------|----------|---|
| University of Toronto | Toronto | 18 | 22% |
| University of British Columbia | Vancouver | 34 | 32% |
| McGill University | Montreal | 40 | 31% |
| McMaster University | Hamilton | 69 | 18% |
| University of Montreal | Montreal | =73 | 21% |

Source: Times Higher Education, 2021

THE 2021: Times Higher Education world university ranking, in 2021.

Elements that will influence your choice:

- **Education & research field.**
- **Language preference:** French or English.
- **The city:** small vs. big town, climate, culture.
- **Facilities:** schools, labs, etc.
- **Cost of living** (taxes, rents) & **tuition fees.**

When?

ASAP - to fulfill all the administrative tasks.

Emigration Process:

- **Acceptance letter** from a Designated Learning Institution.
- **A valid passport:** for the duration of your PhD.
- **Enough money:** to pay for tuition fees and living expenses.
- **No criminal record.**

How much does a PhD cost?

- **Tuition fees:** province / university / field of study / citizenship.

e.g. PhDs at the University of Toronto.

- For all international students: about **CA\$ 6,200** (4 000 €) per year.

e.g. PhDs at the University of Montreal.

- For French or Belgian students, about **CA\$ 3,600** (2 300 €) per year.
- For international students, about **CA\$ 17,200** (11 000 €) per year.

- **Living expenses:** province / city / type of housing /...

- At least **CA\$ 1,000** (700 €) per month.

- Fees associated with **student visa application.**

- A student visa costs about **CA\$ 230** (170 €).

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Canadian universities can be **public** or **private**.

- Public universities (**the great majority**) are financially supported by their local province or territory.

List of best 10 public universities: <https://www.immilawglobal.com/blog/top-10-universities-in-canada-for-international-students/>

- Private universities are funded by **third-party** sources.

list of private universities: <https://studyabroad365.com/full-list-of-private-universities-in-canada/>

- **Canadian government scholarships:** provides funding for international student depending on their nationalities.
- **Funding from Canadian universities:** most Canadian institutions provide some form of support for international PhD students.
- **Working as a Teaching or Research Assistant:** see specific requirements on the website of your university.

Canada provides a wide range of scholarships and other funding opportunities for PhD study at its universities.

- **Queen Elizabeth II Diamond Jubilee Scholarships:** 3000 scholarship by 2020. (Link)
- **IDRC Doctoral Research Awards:** Provides up to CAD \$20,000 (12,885 €) over 3-12 months for students from developing countries. (Link)
- **IDRC Research Awards:** Offers a salary of at least CAD \$40,000 (25,770 €) for PhD students from developing countries. (Link)
- **Vanier Canada Graduate Scholarships:** Provide international students with CAD \$50,000 (32,237 €) per year. (Link)

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If you wish to stay and work in Canada after your PhD, you need to get a **work permit**. There are three different ways:

- Post-graduation work permit.
- Express entry.
- Provincial nominee program.

Post-graduation work permit:

- Full-time enrolled in a study program that lasted at least 8 months.
- Application 180 days after graduation *at most*.
- Permit validity based on the length of your study program (*between 8 months and 3 years*)
- You don't need to be employed in order to stay in Canada.

Express entry:

- For temporary foreign workers/students who want to apply for permanent residency.
- One year *at least* of qualified working experience in Canada (in the last 36 months).
- High language requirements (depending on the province, in English or in French).

Provincial nominee program:

- Each province has its own provincial nominee program.
- Provinces nominate people who will immigrate in Canada, following specific requirements.

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- **Government Website:** Study in Canada
<https://www.canada.ca/en/immigration-refugees-citizenship/services/study-canada.html>
- **Education in Canada**
<https://www.educanada.ca/index.aspx?lang=eng>
- **Guide for living in Canada**
<https://www.findaphd.com/study-abroad/america/living-in-canada.aspx>
- **List of Canadian universities**
<https://www.universitystudy.ca/>
- **Scholarships** (depending on your citizenship, field, and level of study)
https://scholarships.universitystudy.ca/?_ga=2.138314224.1586266278.1600205580-1726933459.1600205580
- **After your PhD**
<https://www.educanada.ca/live-work-vivre-travailler/work-travail/after-apres.aspx?lang=eng>

Thank you!