STEM Scholarships

Here at WISEST (Women in Scholarship, Engineering, Science and Technology), we are thrilled to be able to serve young women and gender diverse individuals through our programming. Although we don’t currently have WISEST specific programming for junior high school students, we want to share a list of other STEM programs that are available to junior high school students in Canada. If you know of any other programs that would be a great addition to this document, please email wisest.outreach@ualberta.ca to let us know!

*Links used in this document are external. While we do our best to ensure that all links are live, there might be circumstances where the links might be changed or removed.
Dr. Marguerite Lambert Leng WISEST Rising Star Scholarship

Awarded to a student with superior academic achievement entering the first year of an undergraduate degree program in the Faculty of Science who has participated in the WISEST Summer Research Program and will be pursuing an Honors or Specialization degree program in Biochemistry.

Nan and Margaret-Ann Armour WISEST Participant Scholarship

Awarded on the basis of superior academic achievement to a student entering the first year of an undergraduate degree program in the Faculty of Science who has participated in the WISEST Summer Research Program. Recipient will be selected on the basis of Grade 11 and/or Grade 12 final marks.

iSMSS Scholarships

Catering for high school students, these lesson plans cover using the history of vaccines in the classroom, how vaccines work, viruses and evolution, and the scientific method in vaccine history provided. The can be used to teach specific standards-based topics: the scientific method, the immune system and how vaccines interact with it, and viral evolution.

Lloyd and Margaret Cooley Memorial Studentship in Analytical Chemistry

Awarded annually to female students with satisfactory academic standing, who are Canadian citizens or permanent residents, enrolled in the second, third or fourth year of a Bachelor of Science in Chemistry, employed in a laboratory at the University of Alberta, including Augustana campus, and researching an analytical chemistry problem.
External Scholarship Opportunities

Canadian Engineering Memorial Foundation (CEMF) Awards for Women in Engineering
[cemf.ca/en/awards] | Undergraduate, Master’s, Doctoral Students
The Canadian Engineering Memorial Foundation (CEMF) awards grants to Undergraduate, Master’s and Doctoral students. The callout for 2022 Awards is now open!

Opterus Helen Rose STEM Award
[opterus.scholarshipscanada.com] | Women (Ages 16-28) | $10,000
Applicants to the Opterus Helen Rose STEM Award must be a woman between the ages of 16-28 and pursuing an education in STEM in an accredited Canadian university or college. View the link attached for more information on the award.

De Beers Group Scholarships for Women
[canada.debeersgroup.com/building-forever] | First-year Undergraduate | $2,400
Working in partnership with United Nations Women, De Beers Group has committed $504,000 (US) toward scholarships and other opportunities through 2020 in Canada. The scholarships are offered through Scholarships Canada, with additional preference given to Indigenous women from the Northwest Territories, Nunavut and Northern Ontario, and Southern Alberta.

Lambda Foundation Awards
[lambdafoundation.org/awards] | Undergraduate Students
The Lambda Foundation offers awards, scholarships and bursaries that are specific to different institutions like University of Alberta and Carleton University. For more information, visit the link above.

Abie Awards
[anitab.org/awards-grants/abie-awards] | Teachers, Professors | $15,000 - $50,000
The Abie Awards honor distinguished leaders, whose achievements and life stories demonstrate that all of us have the power to improve our world, individually and collectively.
WSP Canada Indigenous Student Scholarship

[indspirefunding.ca/wsp-canada/](indspirefunding.ca/wsp-canada/) | Undergraduate, Post-graduate

The WSP scholarships will be distributed annually (through Indspire) to Indigenous student(s) who are attending post-secondary institutions with a preference for students in STEM programs (Science, Technology, Engineering, Math) related to Buildings, Transportation/Infrastructure, Oil & Gas, Environment, Mining, Power and Industrial.

CN Diversity Scholarship

[railcan.ca/careers/](railcan.ca/careers/) | Undergraduate

CN offers grants to support the post-secondary education of women, visible minorities, persons with disabilities, military veterans and people of Aboriginal heritage enrolled in programs relevant to CN's core business.

Zonta International Amelia Earhart Fellowship Awards for Women

[zonta.org/Web/Programs/Education/](zonta.org/Web/Programs/Education/) | Ph.D./Doctoral Students | $10,000

The Amelia Earhart Fellowship was established in 1938 in honor of famed pilot and Zontian, Amelia Earhart. The US$10,000 Fellowship is awarded annually to up to 35 women pursuing Ph.D./doctoral degrees in aerospace engineering and space sciences. It may be used at any university or college offering accredited post-graduate courses and degrees in these fields.

Actuarial Foundation of Canada Scholarships

[afc-fac.ca/scholarships-bursaries/](afc-fac.ca/scholarships-bursaries/) | High-School, Undergraduate

The Actuarial Foundation of Canada offers various scholarships to high-school and undergraduate students all over Canada in partnership with various companies and organization. For more information, visit the link above.

Johnson & Johnson WiSTEM²D Award

[jnj.com/wistem2d](jnj.com/wistem2d) | Master’s, Ph.D. | $150,000

Johnson & Johnson WiSTEM²D Scholars Award is a $150,000 award to support women pursuing research in STEM²D (Science, Technology, Engineering, Math, Manufacturing & Design). WiSTEM²D Scholars Award aims to fuel the development of female STEM²D leaders and feed the STEM²D talent pipeline by awarding and sponsoring women at critical points in their research careers, in each of the STEM²D disciplines.
**Terrera Earth Award**

[terera.ca/pages/2021-earth-award](terera.ca/pages/2021-earth-award) | $1,000

The Terrera Earth Award (previously the LNBF Earth Award) is an annual award recognizing the outstanding contributions of Canadian women in their leadership and commitment to environmental sustainability. This year we are supporting the winner with a $1000 grant for a community initiative, project, social enterprise or business that is making a positive impact on our environment.

**1989 École Polytechnique Commemorative Scholarship Award for Women**

[cfuwcharitabletrust.ca/fellowships-awards-2/](cfuwcharitabletrust.ca/fellowships-awards-2/) | Master’s, Doctoral | $5,000 - $7,000

The 1989 École Polytechnique Commemorative Scholarship Award for Women commemorates the fourteen women students murdered at the École Polytechnique in Montreal. For graduate studies in any field. The applicant must justify the relevance of her work to women.

**Bank of Canada General Scholarship**

[bankofcanada.ca/careers/](bankofcanada.ca/careers/) | Undergraduate, Master’s | $8,000 - $10,000

The scholarships for undergraduate and master’s students offered by the Bank of Canada support women in fields like economics, finance, information technology and cyber security. They also offer recipients the opportunity to work at the Bank of Canada under the mentorship of a Bank employee. For more information, click the link above.

**RBC Capital Markets Canada Pathways Diversity Scholarship Program**


RBC Capital Markets is committed to fostering inclusion and workplace diversity. The RBC Pathways program in Canada aims to identify, hire, grow, and retain outstanding undergraduate students who identify as Black and/or as an Indigenous (First Nations, Inuit, Métis) person of Canada studying full-time at a Canadian university or college and who are passionate about pursuing a full-time career in Capital Markets.

**Brainstation Scholarships**

[loadview-testing.com/scholarship/](loadview-testing.com/scholarship/) | Undergraduate Students | $1,000

Dotcom-Monitor would like to encourage and support female undergraduate students who are pursuing careers in computing by assisting them with the rising cost of higher education.
Deloitte Canada Black and Indigenous Student Scholarship
deloitte.com/ca/en/pages/careers/ | Undergraduate | $5,000
The activity examines the debate among public health officials, doctors and parents around vaccine safety and hear differing perspectives on the benefits and risks of vaccination.

McKinsey Canada Leadership Awards
mckinsey.com/careers/students/ | Undergraduate, Post-graduate | $2,500
McKinsey offers a $2500 award and a six month mentorship with a McKinsey consultant for women, Indigenous, black, LGBTQ+ individuals. Not all awards require enrollment in a STEM program.

AWSN Scholarships
awsn.org/awsn-scholarship | Undergraduate | $3,000
The AWSN Scholarship Program is part of larger equity efforts within the AWSN network. Through the guidance of a gender-based analysis plus (GBA+), the program uses an intersectional lens and is structured in a way that allows AWSN to distribute the awards in an equitable manner, limiting unconscious bias, stereotypes, and other barriers commonly faced by underrepresented groups.

Sopromist Foundation of Canada Grants for Women Graduate Students
sopromistfoundation.ca/grant-applications/ | Master’s, Ph.D. | $8,500
The Soroptimist Foundation of Canada annually offers several $8,500 grants to female graduate students in Canada to assist them with university studies which will qualify them for careers which will improve the quality of women’s lives. Examples include but are not limited to: providing medical services, providing legal counselling and assistance, counselling mature women entering or re-entering the labour market, counselling women in crisis, counselling and training women for non-traditional employment, and positions in women’s centres.

CFUW Bursaries for Female Students
cfuwedmonton.org/academic-awards/ | Undergraduate | $500 - $2,500
The CFUW Edmonton Bursary Committee annually awards bursaries, including the Elsie Mitchell Newland, Frances McConnell, Margaret Brine, and Jean MacIntyre named bursaries, to University of Alberta women.
Electro Federation Canada Scholarships

electrofed.com/about/ | Undergraduate | $1,000 - $3,500

The Electro Federation Canada offers various awards for students in engineering, business, or other disciplines. There are also specialized awards for women, Indigenous, or other minority groups available. For more information, visit the link above.

Canadian Industrial Leadership Award (CILA)

cilaward.ca/ | Undergraduate, Post-graduate | $6,000

In 2022, CILA will be awarding ten women enrolled in STEM programs at Universities and Colleges across Canada with a fully paid internship and executive mentorship at L3Harris, CAE or Thales Canada. In addition, award recipients will receive a one time $6,000 bursary and the opportunity for full-time employment after successful completion of their program.