



STEM CANADA

Canadian Institute of STEM  
INNOVATION

# MEDICAL SCIENCE INSTITUTE

## FOR STUDENTS AGES 8 - 17



### STRONGER FOUNDATIONS, INNOVATIVE LEARNING: LEADING THE FUTURE OF MEDICAL SCIENCE

With Medical Science Institute by STEM Canada, students gain a competitive advantage in medical sciences, promoting success in both academics and post-secondary pursuits. Join medical school before university!

- ✓ Over 55 Courses
- ✓ Clinical Specialties
- ✓ Hands-on Labs
- ✓ Live Instruction
- ✓ One Low Monthly Fee
- ✓ Membership Benefits
- ✓ Unlimited Access to Courses
- ✓ Mentorship from Professionals

Contact Us



(877) 822-0080



medalscienceinstitute.tech



# Smarter Learning, Stronger Medicine: Empowering Future Health Innovators

Imagine your child embarking on an academic journey that transforms their curiosity into deep knowledge of the health sciences, medical technology, and scientific exploration. STEM Canada's Medical Science Institute provides a platform for students to immerse themselves in a future of limitless and comprehensive learning opportunities through the fields of medical and health sciences.

## Who Are We:

As a global leader in STEM Education, STEM Canada is a world-class STEM Immersion education institution. Our online medical science institute is committed to delivering comprehensive and unique learning opportunities in the medical field to students aged 8 - 17. Catering to STEM-minded students from around the globe, we provide exceptional learning outcomes. We are dedicated to the highest standards of educational experiences.

Our innovative medical science programs are designed to enhance students' knowledge, skills, and readiness for success in the medical field.

## Benefits:



### World-Class Learning Experience

We are committed to offering a deep-dive and superior learning experience in the medical science field that will empower students to excel in their future careers.



### Competitive Advantage

Whether students wish to become a doctor, surgeon, researcher, or medical innovator, this institute's academic rigor and practical experience sets students on a path of success.



### Unlimited Course Access

Gain the exclusive benefit of unlimited access to all our medical science courses, allowing exploration of a wide range of subjects, interactive labs, mentorship sessions.

## What We Offer:

### Comprehensive Courses:

- Covering everything from Human Anatomy and Biochemistry to Neuroscience and Medical Ethics, our courses are designed to give students a broad and deep understanding of medical sciences. Over 55 subjects available.

### Interactive Online Learning

- Our engaging virtual platform offers advanced, interactive learning, collaborative projects, and real-world experiences to nurture interest in medical science.

### Affordable Membership:

- An annual membership fee of just \$99 plus a nominal all access monthly fee gives students a year of unlimited access to the medical science courses and workshops.

### Future-Ready Curriculum:

- Our curriculum is designed to inspire the next generation of medical professionals.







# Innovative Minds, Stronger Medicine: Medical Science Simplified

We believe our advanced medical science courses will transform student learning, preparing them for success in the dynamic field of health sciences. Our unique and advanced curriculum is designed to enhance knowledge, foster innovation, and build essential skills to cultivate future medical professionals.

## Courses

### Basic Sciences

- Human Anatomy and Physiology
- Biochemistry
- Biology: Cell Biology
- Molecular Biology
- Microbiology
- Chemistry
- Genetics and Genomics
- Medical Terminology

### Clinical Specialties

- Pediatrics
- Obstetrics and Gynecology
- Oncology
- Orthopedics
- Ophthalmology
- Otolaryngology
- Anesthesiology
- Surgical Techniques
- Psychiatry
- Rehabilitation Medicine - (Physical Therapy)
- Cardiology
- Radiology
- Emergency Medicine
- Urology
- Nephrology
- Pulmonology
- Geriatrics
- Plastic Surgery
- Palliative Care

### Alternative Medicine

- Naturopathy
- Homeopathy

### Medical Sciences

- Pharmacology
- Pathology
- Immunology
- Neuroscience
- Medical Imaging
- Histology
- Toxicology
- Endocrinology
- Cardiovascular Physiology
- Respiratory Physiology
- Renal Physiology
- Gastroenterology
- Hematology
- Dermatology
- Medical Genetics
- Infectious Diseases
- Nutrition and Dietetics
- Clinical Pharmacokinetics
- Biostatistics for Medical Sciences
- Regenerative Medicine and Tissue Engineering
- Medical Biotechnology
- Sports Medicine - Kinesiology

### Health and Medical Informatics

- Health Informatics

### Research and Methodology

- Biomedical Research

### Ethics and Law

- Medical Ethics and Law

### Epidemiology

- Epidemiology

## 2025 Academic Schedule

### Semester 1 – 2025

- 12-Week Semester
- Winter Session: January 13 – April 6, 2025
- Register by January 7, 2025

### Semester 2 – 2025

- 12-Week Semester
- Spring Session: April 7 – June 27, 2025
- Register by March 27, 2025

### Summer Session – 2025

- 8-Week summer Pre-U STEM Innovation Program at leading university campuses across Canada. July 7 – August 29, 2025
- Features in-depth, in-person pre-university STEM experiences.

### Semester 3 – 2025

- 12-Week Semester
- Fall Session: September 22 – December 12, 2025
- Register by September 11, 2025

