

# Western Pre-University Summer Programs



Where teenagers can explore their passion for science, technology and entrepreneurship.

Western's two-week Pre-University programs offer an unparalleled academic experience, empowering teenagers to dive into their interests and explore potential academic and career paths.

Beyond the classroom, participants will immerse themselves in the vibrant campus life at Western University, discovering all the opportunities and experiences this world-class institution has to offer.

**A Global Hub for Excellence** - Ranked among the top universities in Canada, and top 1% of universities in the world, Western is renowned for its leadership in business, health sciences, and science.

Dates:

**July 7 - July 18, 2025**

**July 21 - August 1, 2025**

Location:

 **Western University, London, Ontario, Canada**

Ages:

**15-18**

Tracks/streams:

**Business**

**Science**

**Health Sciences**

## TRACK 1: BUSINESS

### Course Overview

Explore key financial concepts like interest rates, the time value of money, and risk versus reward. This course provides practical skills in stock and bond valuation, as well as insights into international financial markets. Students will manage a simulated investment portfolio, making real-time decisions to maximize returns and apply real-world investing strategies.

### Potential Academic Tracks

Entrepreneurship
Finance
Economics
Business Administration
Accounting

### Dates

7/21 - 8/1

## TRACK 2: SCIENCE

### Course Overview

An introductory course to Artificial Intelligence. Understand the algorithms and techniques behind recommendation systems, and create your own smart, interactive chatbot using Python and real-world data.

### Potential Academic Tracks

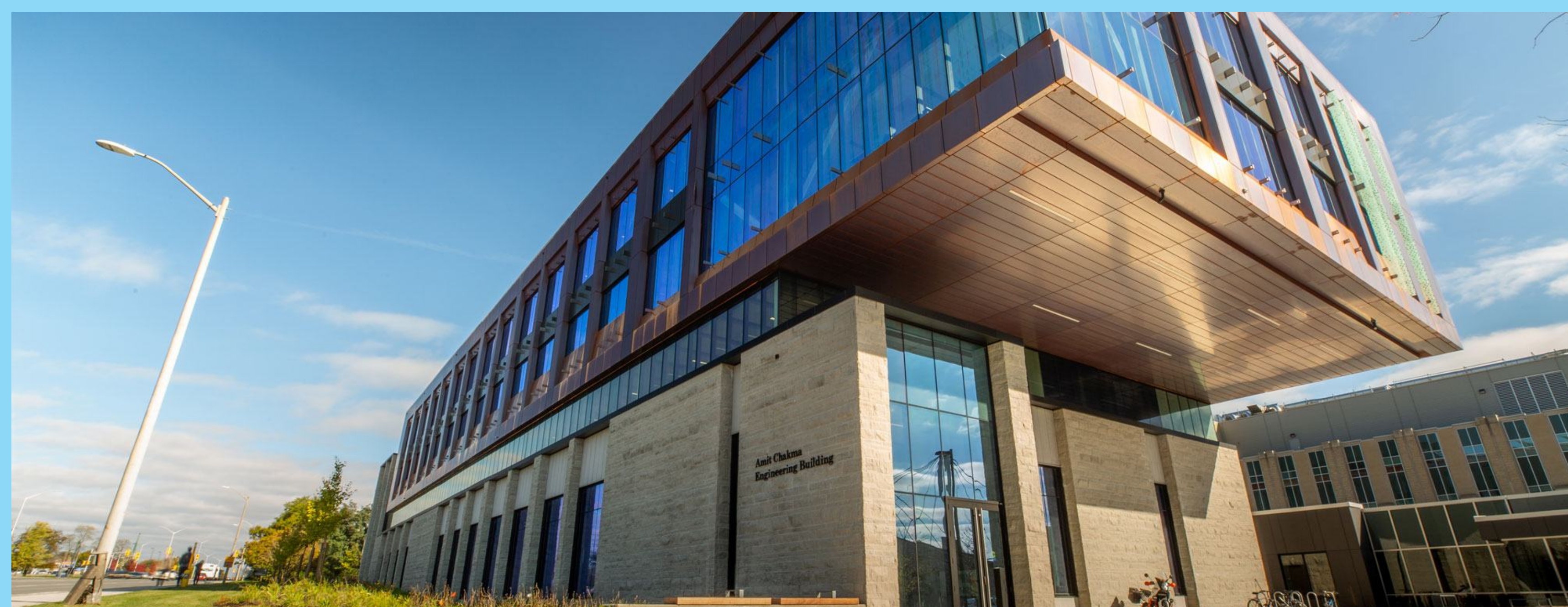
Computer Science
Machine Learning / Artificial Intelligence Engineering
Data Science
Computational Mathematics

### Dates

7/7 - 7/18

7/21 - 8/1

## What Our Students Say About This Course:



"I started taking this course because I wanted to become more experienced in Python and I just really wanted to get into the world of AI. AI is becoming so huge right now in the world of ChatGPT and all of these different big corporate companies creating these AI and it's just the future and it's just the world of tomorrow."

— Shalik, 2024 Graduate

## TRACK 3: HEALTH SCIENCES

### Course Overview

Explore different career paths in healthcare while diagnosing real-world medical cases. This course equips students with hands-on experience using cutting-edge technologies, providing critical skills and insights into the future of medicine.

### Potential Academic Tracks

Medicine
Nursing
Biomedical Sciences
Health Sciences

### Dates

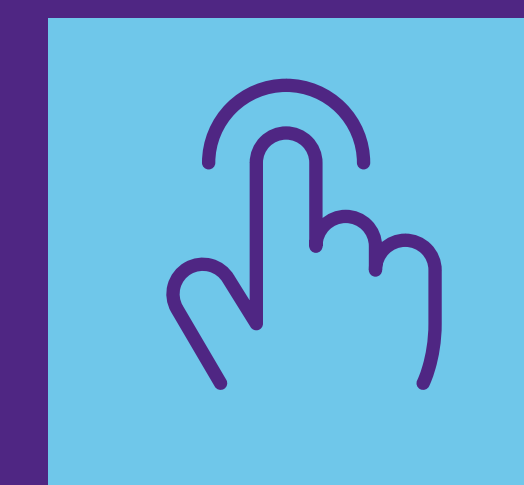
7/7 - 7/18

## PROGRAM HIGHLIGHTS:



### Immersive Academics

50 hours of expert-led in-class learning, 5hrs each day.



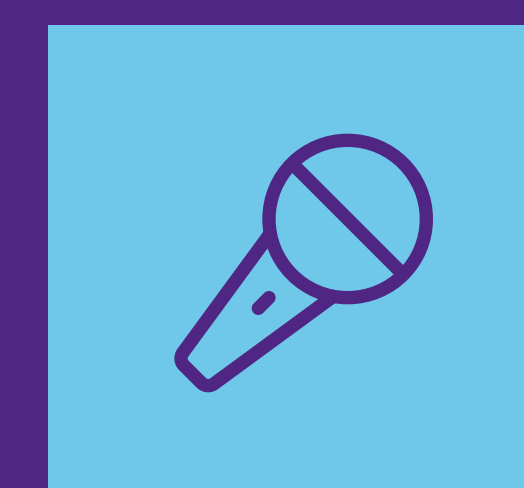
### Hands-On Capstone:

Create and present a real-world project.



### Certificate:

Earn recognition for your academic achievements.



### Inspiring Speakers:

Live sessions with faculty and industry leaders.

## An Unparalleled Campus Experience

Hosted on the beautiful and vibrant Western University campus, students will experience a world-class academic environment complemented by modern facilities. From state-of-the-art classrooms to serene green spaces, Western's campus is an inspiring setting to both study and unwind.

## Safe and Comfortable Accommodations

Students will stay in secure, on-campus residence, offering peace of mind for families and a chance for participants to bond with peers from around the world. Daily meals and organized evening activities provide the perfect balance of relaxation and engagement after a full day of learning.

## Cultural and Social Opportunities

Outside the classroom, students will explore Western's lively campus, participate in enriching group activities, and create lifelong memories. This program ensures a safe, supportive environment where students can thrive academically, socially, and personally.

English language requirements:

**IELTS 6.0+**