# COGNITIVE SYSTEMS (COMPUTATIONAL INTELLIGENCE & DESIGN) MATHEMATICS & MATHEMATICAL SCIENCES

## Information Session

MINA PHAISALTANTIWONGS, CO-OP COORDINATOR

**We will begin shortly...**

- Please turn your <u>cameras off</u> and <u>mute</u> yourself 🔇
- Please save your questions until the end of the presentation 💬
- Let me know which program you are in by filling out the poll 📊

**Science Co-op**

# AGENDA

**Today, we will be discussing:**

1. What is Co-op?
2. Co-op Application Process
3. Co-op Schedule/Timeline
4. Examples of Co-op Jobs
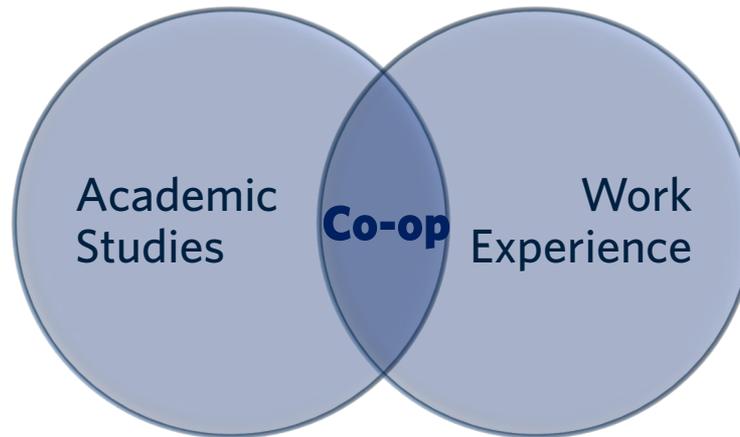5. Questions

**UBC** Science Co-op Programs

# What is Co-op?

## Program Introduction

# WHAT IS CO-OP?

Co-operative Education (Co-op) is an opportunity to integrate your academic studies with relevant, paid work experience.



In the Co-op program you would alternate between **academic study terms** and **co-op work terms**. Co-op work terms are:

- Paid
- Full-time (Typically 35-40 hours per week)
- Relevant to your academic field of study
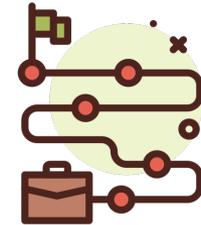
# WHY PARTICIPATE IN CO-OP?

There are multiple benefits to participating in the Co-op Program:

Job Search Skills Training & Co-op Job Portal

Improve Your Resume

Career Exploration

Earn $$$ For Tuition

Expand Your Professional Network

Build Your Confidence

**UBC** Science Co-op Programs

*Icon Source: Flaticon.com*

# WHAT DOES MY CO-OP COORDINATOR DO?

## Job Search Skills Training

- Resume
- Cover Letter
- Interviews
- Job Search Strategies
- Etc.

## Student Appointments

- Career Advising
- Resume/Cover Letter Review
- Practice Interview

## Employer Relations

- Job Offer Handling
- Develop Employment Opportunities

## Performance Management

- Co-op Check-In Meetings (CCM)
- Address Workplace Questions and Concerns

*Icon Source: Flaticon.com*

**UBC** Science Co-op Programs

# PROGRAM DETAILS

## Expectations

- Complete all workshops before getting access to job search portal
- Actively engage in the job search
- Be open and flexible to job opportunities
- Adhere to the Science Co-op Program Terms & Conditions

## Fees

- Administration and Workshop fee: one-time fee ($272.00)*
- Co-op fee: payable for each 4-month work term that you have secured a job ($838.00)*
  - You are not charged the Co-op fee if you haven't secured a job

*Note: Co-op fees are subject to change based on the UBC Academic Calendar

# How Can I Apply?
Application Process

# GENERAL ELIGIBILITY REQUIREMENTS

- Be enrolled in the appropriate and corresponding major to the Co-op program you are applying to

- Have a minimum average of around B- (68%)

- Be a full-time UBC (Vancouver) student in good academic standing

- Demonstrate:

  - Good communication skills, and a responsible, mature attitude

  - Leadership, teamwork, and time management

  - Interest in your chosen field

- Be flexible and willing to accept a work placement outside the Lower Mainland

- Have a minimum of 30 credits remaining in your degree, excluding the current term (at the time of application)

**UBC Science Co-op Programs**

*Icon Source: Flaticon.com*

# PROGRAM SPECIFIC REQUIREMENTS: COMPUTATIONAL SCIENCES

## Cognitive Systems (Computational Intelligence and Design)

- Completed CPSC 110 (or CPSC 103 and 107)
- Completed or be in the process of completing CPSC 121 and CPSC 210 at the time of application (or have completed transfer equivalents)

## Mathematics and Mathematical Sciences

- Completed or be in the process of completing MATH 221, MATH 210 (or CPSC 210) at the time of application (or have completed transfer equivalents)
- Mathematical Sciences students also need to complete STAT 200 in addition to the above requirements
- **BA Students:** MATH 221, CPSC 210, ECON 325, ECON 326, ECON 323 (optional)
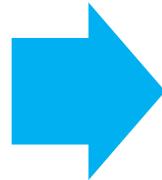
# INTERNATIONAL STUDENTS



- **Can international students apply to/participate in Co-op?**
  - Yes, you can!

- **Co-op fees and application process are the same for both international and domestic students.**
  - However, certain job opportunities may have citizenship requirements.

- **International students need a <span style="color:red">Co-op Work Permit</span> to work in Canada**
  - The Science Co-op Office will provide guidance on applying for your Co-op Work Permit

**UBC** Science Co-op Programs

*Icon Source: Flaticon.com*

# APPLICATION PROCESS

**Apply**

via Science Co-op Website:
sciencecoop.ubc.ca

**Intake Interview**

**Admissions Results**

**Application Deadline: Wednesday, March 6, 2024**

- Admissions Results will be sent: Mid-Late July 2024

*Icon Source: Flaticon.com*
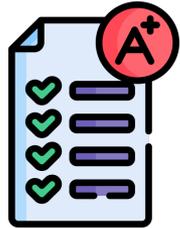
# APPLICATION DOCUMENTS

Apply **online** via Science Co-op Website: sciencecoop.ubc.ca

What you will need to apply:

1. Application Form

2. Resume

3. Non-UBC Post-Secondary Transcripts

   - Unofficial transcripts/screenshots are ok to submit

   - High school transcripts are not needed

   - UBC Transcripts will be reviewed via SISC/SSC (no need to submit)

Please combine all of your documents into <span style="color:red">one PDF</span> before submitting

# HOW ARE APPLICATIONS ASSESSED?

| Transcript | Online Application | Resume | Intake Interview |
|---|---|---|---|
| • Grades Requirement<br><br>• Academic Standing | • Quality of Application Responses<br><br>• Written Communication Skills | • Work/Volunteer Experience<br><br>• Projects<br><br>• Extracurricular Activities | • Communication Skills<br><br>• Attitude<br><br>• Professionalism |

Note: You will be notified 3-4 weeks after the application deadline if you have been invited for an Intake Interview.

**UBC Science Co-op Programs**

*Icon Source: Flaticon.com*

# When Will I Be Working?

## Co-op Schedule and Timeline

# CO-OP SCHEDULE:

## Cognitive Systems (Computational Intelligence & Design)

### Schedule A - Spring Application (Year 1)

| Year | Fall | Winter | Summer |
|------|------|--------|--------|
| 1 | Study Term 1 | Study Term 2 + Apply to Co-op | - |
| 2 | Study Term 3  + Co-op Job Search | Work Term 1 | Work Term 2 |
| 3 | Study Term 4 | Study Term 5 | Work Term 3 |
| 4 | Work Term 4 | Study Term 6 | - |
| 5 | Study Term 7 | Study Term 8 | - |

### Schedule B - Spring Application (Year 2)

| Year | Fall | Winter | Summer |
|------|------|--------|--------|
| 1 | Study Term 1 | Study Term 2 | - |
| 2 | Study Term 3 | Study Term 4 + apply to Co-op | - |
| 3 | Study Term 5 + Co-op Job Search | Work Term 1 | Work Term 2 |
| 4 | Study Term 6 | Study Term 7 | Work Term 3 |
| 5 | Work Term 4 | Study Term 8 | - |

**UBC Science Co-op Programs**

# CO-OP SCHEDULE:

## Mathematics and Mathematical Sciences

Schedule A for Math Students - Spring Application

| Year | Fall | Winter | Summer |
|------|------|--------|--------|
| 1 | Study Term 1 | Study Term 2 | - |
| 2 | Study Term 3 | Study Term 4 + Apply for Co-op | - |
| 3 | Study Term 5 + Co-op Job Search | Work Term 1 | Work Term 2 |
| 4 | Study Term 6 | Study Term 7 | Work Term 3 |
| 5 | Work Term 4 | Study Term 8 | - |

# Science Co-op

## Co-op Job Examples
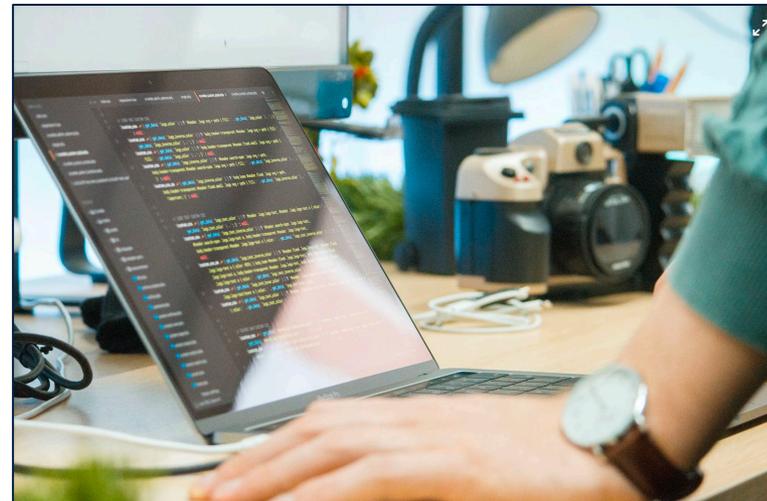
# CO-OP JOB EXAMPLES: COMPUTATIONAL SCIENCES

**Employers:**

- Absolute Software Corporation
- Amazon
- Clio
- ICBC
- RBC/CIBC/BMO/etc.
- Visier Inc.
- Paragon Testing Enterprises Inc.
- Samsung
- Realtor.com
- Ledgerdocs
- IBM Canada
- Tesla

## ... AND MORE!!

- **Roles:**
- UX/UI Intern
- Data Analyst/Science Co-op
- QA Tester
- Web/Software Developer
- Business Analyst Co-op
- Actuarial Co-op
- Risk Analyst
- Bioinformatics Co-op



**UBC** Science Co-op Programs

# CONTACT

**Mina Phaisaltantiwongs**

Co-op Coordinator

**Email:**

mina@sciencecoop.ubc.ca

**Website:**

sciencecoop.ubc.ca/about/contact

# GET SOCIAL &
# FOLLOW US ON INSTAGRAM!



**UBC** Science Co-op Programs

# Thank You
## Any Questions?