

INTEGRATED SCIENCES

Imagine Day Orientation 2024

CREATE YOUR OWN DEGREE



ORIENTATION SCHEDULE

Integrated Sciences

Advising

Courses

Degree Proposal Overview

Integrated Sciences Student Association

Co-op



INTEGRATED SCIENCES

Advisor



Mary Anne Lyons

Lecturer



Dr. Denise Gabriel

Director



Dr. Lee Groat





MEET THE PEER MENTOR COORDINATORS!

intsci.peermentors@gmail.com



A decorative border for a notebook page, featuring a brown cover with yellow rings at the top, four white flowers with green leaves at the corners, and five orange tabs on the right side.

PLANS THIS YEAR

- **Mentorship Program**

- One-on-one guidance from senior ISCI students throughout the year
- Gain insight into what's beyond your ISCI degree with alumni

- **Workshops & Office Hours**

- Information about course planning
- Support & feedback on degree proposals
- Meet fellow ISCI students!



Rachel Dong

Year: 3

Integration: Pathology & Environmental Health

Research: Directed Studies @ BC Children's Hospital

Involvements: VP External @ Science Undergraduate Society

Hobbies: Swimming, Hockey, Piano, Cafe Hopping





Nicola Wray

Year: 4

Integration: Neuroscience & Immunology (Honors)

Research: Summer lab work @ UBC & OHSU

Involvements: Volunteer @ Crisis Helpline

Hobbies: Volleyball, Running, Skiing, Beach days with friends



HOW TO CONTACT US

The Integrated Sciences advising offices, classroom, study space, kitchen, and ISSA club room are all located on the 4th floor of the Leonard S. Klinck building.

Up-to-date advising hours can be found here: <https://intsci.ubc.ca/advising>

Zoom Advising or in person in LSK 466

Once you click on the link you will be added to the waitlist for advising.

Advising by appointment: e-mail intsci@science.ubc.ca



WELCOME TO INTEGRATED SCIENCES

Congratulations on your admission to Integrated Sciences!

Integrated Sciences is one of the most competitive specializations to get into through the 2nd year application.

Integrated Sciences – Overview of Specialization Goals

- Enables students to create their own unique and interdisciplinary degrees.
- Provides personalized mentoring from a disciplinary expert for each student throughout their degree.
- Cultivates experiential learning opportunities.
- Strives to prepare graduates for professional degrees, graduate programs and a wide variety of careers.
- Enables students to become self-directed learners and develop life skills.
- Prepares students to evaluate and address global challenges through a scientific lens.
- Embrace interdisciplinary approaches to advance science.
- Connects students, faculty, researchers across the university.



DEGREE PROPOSAL

The Degree Proposal is a justification for your degree. It consists of a strong argument demonstrating what you're integrating, how it is unique, and why it is important.

Consists of 2 essays and a course list.

Once it is approved your course list becomes your specialization requirements.

More details can be found here: <https://intsci.ubc.ca/advising/proposal-guidelines>

For ideas and help getting started see here:

<https://intsci.ubc.ca/advising/student-ambassadors>

<https://intsci.ubc.ca/prospective/sample-themes>

At the beginning of 2nd year:

Some students already know what they want to integrate while others are not sure what to focus their degrees on yet. Spend some time researching topics of interest, talking to other students, faculty, peer mentors, advisors, and the Integrated Sciences Students Association to help solidify your ideas and goals.



DEGREE PROPOSAL OVERVIEW

Integrated Sciences students must have an approved degree proposal to be promoted to 3rd year.



Click on the link and create a degree proposal account

<https://plan.intsci.ubc.ca/>

Integrated Sciences
Making Connections in Science

Faculty of Science
University of British Columbia

Mary Anne Lyons is logged in

PERSONAL INFORMATION * Required

Please provide us with your identifying information. You can navigate to different pages of the IntSci Degree Proposal using the links to the left.

Identification

Student no.
Username
First name*
Middle name
Last name*

Description of your scientific interests

Email*

Protection of Privacy

Personal information such as your name and address on your IntSci Degree Proposal form is collected pursuant to the Freedom of Information and Protection of Privacy Act (FOIPOP). The information will be used for the purposes of Integrated Sciences only but may also be shared with other UBC departments. Subject to the exceptions in FOIPOP the names and addresses of applicant information related to their

IntSci
Homepage
Switch to Faculty Account

Degree proposal guidelines
» **Personal information**
Vision statement
Curriculum rationale
My IntSci curriculum
Checklist
Summary
History
Annual report
ISCI 448 application
Logout



2ND YEAR TIMELINE

September 9, 2024: All Integrated Sciences students must create a degree proposal account: plan.intsci.ubc.ca

January 15, 2025: All Integrated Sciences students must have a mentor by this date. The mentor must sign on to your degree proposal to indicate that he or she is your mentor.

February 10, 2025: All Integrated Sciences students must have completed and submitted their Degree Proposal to their mentor for approval by this date.

March 14, 2025: All Degree Proposals must be approved by the faculty mentor and submitted to the IS office for final approval by this date.

*To be promoted to third year your [Degree Proposal](#) must be approved.



ISCI COURSES

- ISCI 300 Interdisciplinary Seminar
- ISCI 311 The Size of Things
- ISCI 312 Symmetry
- ISCI 320 Research Development Retreat
- ISCI 350 Darwinian Medicine
- ISCI 351 Why the Big Brain? The Evolution of Human Cognition
- ISCI 360 Systems Approaches to Regional Sustainability
- ISCI 361 Hawaii Field Course: Systems Approaches to Regional Sustainability
- ISCI 361 Iceland Field Course: Systems Approaches to Regional Sustainability
- ISCI 400 Graduating Seminar
- ISCI 433 Ethical Issues in Science
- ISCI 434 Non-Animal Methods in Biomedical Science
- ISCI 448 Directed Studies
- ISCI 461 Comparative Field Research Course: Systems Approaches to Regional Sustainability
- ISCI 490 Student Directed Seminars



INTEGRATED SCIENCES STUDENTS ASSOCIATION

[ISSA Slides](#)



WELCOME TO INTEGRATED SCIENCES

We look forward to seeing the amazing degree programs you will create!

The next presentations will highlight some excellent opportunities available to you this year in Integrated Sciences



CO-OP INFORMATION SESSION

Yas Azarpajouh

LIFE SCIENCES CO-OP COORDINATOR



CO-OP INFORMATION SESSION

Integrated Science

CO-OP INFORMATION SESSION

Deadline to apply for **3rd year students** in
Integrated Science

October 2024



WHAT KIND OF WORK WILL I DO?

Clinical Research

BC Children's Hospital -The Pediatric Anesthesia Research Team (PART)

- *Clinical Research Assistant*

St. Paul's Colorectal Surgery Unit

- *Research Assistant*

BC Children's Hospital -The Pediatric Anesthesia Research Team (PART)

- *Clinical Research Assistant*

BC Children's Hospital – Division of Pediatric Neurology

- *Research Assistant*

Laboratory Research:

Terry Fox Laboratory (BC Cancer)

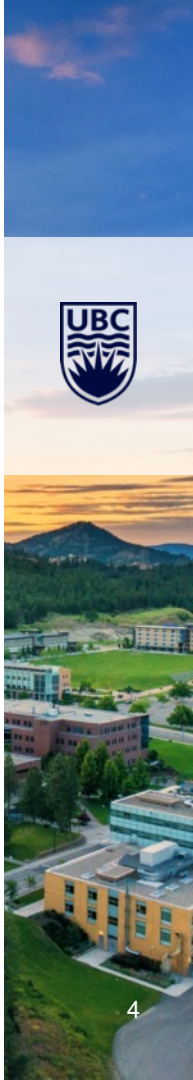
- *Student Research Assistant*

UBC Centre for Brain Health

- *Research Co-op*

STEMCELL

- *Innate Immunology Co-op*
- *RND Myogenic Co-op Student*



WHAT KIND OF WORK WILL I DO?

Computer Science / Bioinformatics positions:

VGH – The Prostate Centre

- *Bioinformatics Co-op*

Vancouver Coastal Health

- *Junior Technical Assistant*

BC Children's Hospital

- *Data Scientist*



WHAT KIND OF WORK WILL I DO?

ISCI STUDENTS INTERESTED IN **NATURAL SCIENCES** POSITIONS?

Environment and Climate Change Canada

- *Science Co-op Student (Pacific Storm Prediction Centre)*

Agriculture Agri-food Canada

- *Research Assistant*

Ministry of Forest, Lands and Natural Resources

- *Co-op Intern*

Department of Fisheries and Oceans

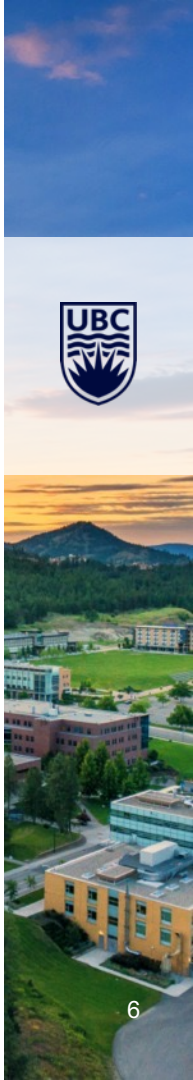
- Assistant Salmon Officer

UBC Earth, Ocean and Atmospheric Sciences

- *Research Assistant*

TECK

- Environmental Co-op Student (Elk Valley, BC)



TIPS FOR SUCCESS – ISCI / CMS / BNSC



Please gain as much **lab experience and/or patient interaction experience as possible**


- **can't get into 3rd year lab courses?** Consider volunteering at a UBC / other labs – please be proactive!
- **CMS / ISCI students: BIO 342 – Integrative Biology Lab (highly recommend you take this course)**
- **can't find an opportunity to work at a hospital?** Consider volunteering as a navigator or volunteering at a senior home to gain patient interaction experience
- **Strongly consider taking CPSC 110 or 210 or programming courses such as**
 - **CPSC 103**
 - **EOSC 211**
 - **MATH 210**

OCTOBER DEADLINE



3RD YEAR CO-OP/STUDY SCHEDULE

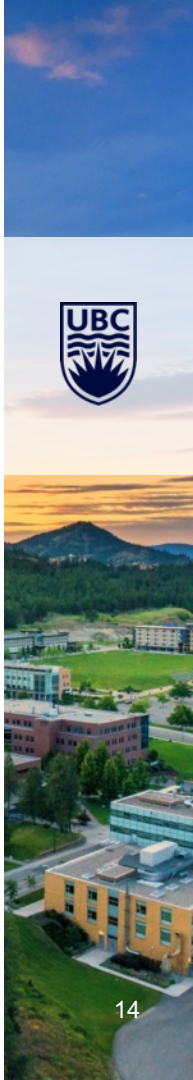


	Fall	Winter	Summer
3rd year applying in Oct.			
1 ST YEAR	Study Term 1	Study Term 2	-
2 ND YEAR	Study Term 3	Study Term 4	-
3 RD YEAR 	Study Term 5 + <u>apply to Co-op</u>	Study Term 6 + <u>attend workshop & apply to jobs</u>	Work Term 1
4 TH YEAR	Work Term 2	Work Term 3	Work Term 4
5 TH YEAR	Study Term 7	Study Term 8	

PROGRAM FEES

- Total cost of program: ~ **\$3,696** *
 - Co-op workshop & admin fee: ~ \$277.25
 - Co-op work term fee: ~ \$854.75 per term
- Average salary stats found on our website (Employer section)

* Fees are subject to change without prior notice



ADMISSION REQUIREMENTS – PER OUR WEBSITE

- For October 2024 applications, must be a third-year student enrolled in the Integrated Sciences major at UBC, currently in 3rd year of their Integrated Sciences degree
- Have a minimum cumulative average of B- (68%)
- Be a full-time UBC (Vancouver) student in good academic standing in mathematics, English and the Sciences
- For October 2024 applicants: have at least 30 credits remaining of your graduation requirement **after completion** of current Fall 2024 (Sept-Dec. 2024) and Winter 2025 (Jan-Apr 2025) courses
- Students who are in their 4th (last) year of Combined Major in Science degree at time of application are not eligible to apply



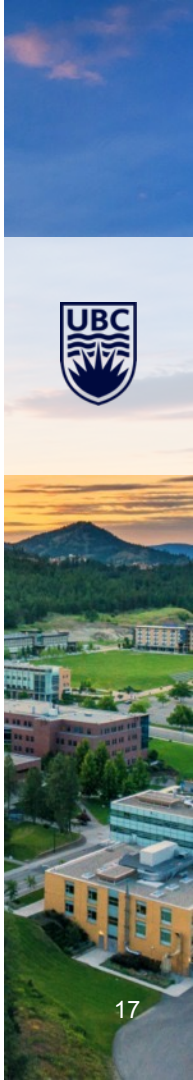
ADMISSION REQUIREMENTS

- minimum “B-” average for applications to be reviewed
- After the initial review of applications, successful candidate are invited for an intake interview with coordinator
 - **Please Note:** Science Co-op is a competitive program, academic performance is reviewed very closely upon application
- Full time enrolment in respective discipline



ADMISSION REQUIREMENTS

- Complete application online
 - www.sciencecoop.ubc.ca
- Resume
- Application Questionnaire



Fall 2024 Information Sessions for: 3rd year ISCI Students



- **Thursday, September 12th: 5-6pm (Zoom)**
- **Thursday, September 19th: 5-6pm (Zoom)**

Zoom link for the above:

Science co-op → Prospective Students → Info Sessions

<https://sciencecoop.ubc.ca/prospective/infosessions>

For application deadlines and other info, please visit our website under

Integrated Science : www.sciencecoop.ubc.ca → Prospective Students → ISCI



QUESTIONS?

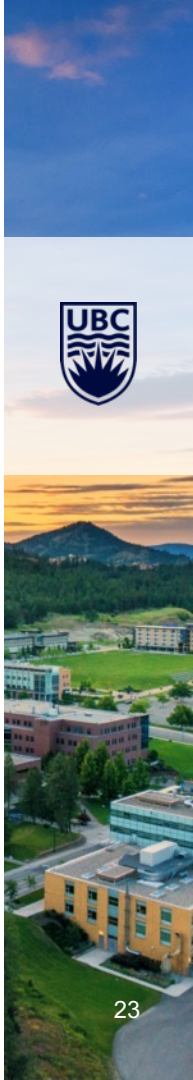
Additional Program and Coordinator Contact information:

www.sciencecoop.ubc.ca

Prospective Students → Application Deadlines
→ Apply for Co-op

Application Deadline: Oct. 1st, 2024

QUESTIONS?





THE UNIVERSITY OF BRITISH COLUMBIA

THE UNIVERSITY OF BRITISH COLUMBIA