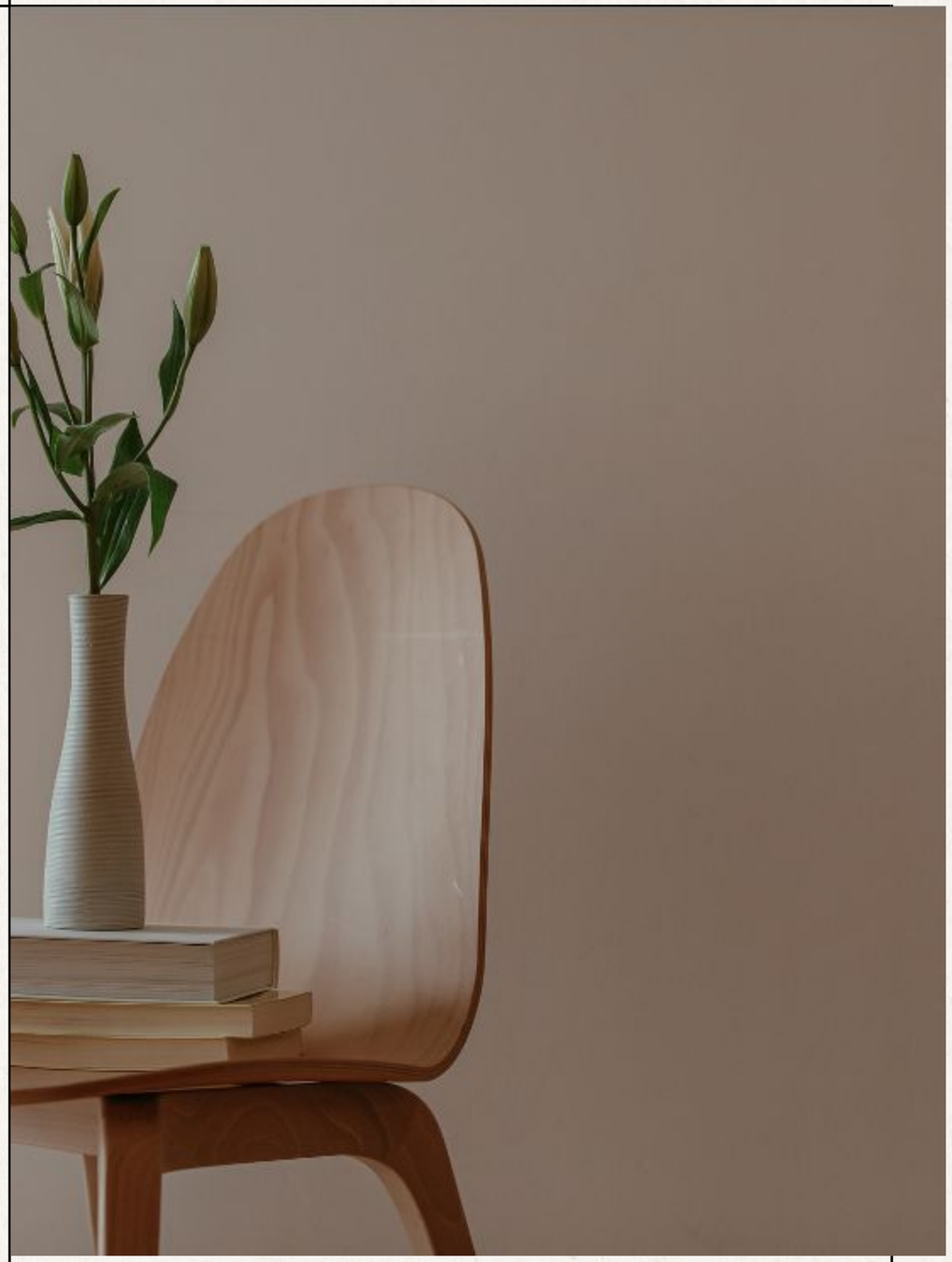
ISCI Workshop #1

Find Your Interest!

Presented by Trisha and Nicola



Land Acknowledgement

We would like to begin by acknowledging that the land on which we gather is the traditional, ancestral, and unceded territory of the xwməθkwəy̓əm (Musqueam) People.

AGENDA

1. Requirements and Considerations
2. Exploring Interests
3. Taking advantage of the Student Service Center
4. Activity

ISCI Requirements

Requirement	Major Stream	Honours Stream
Integration	2 or 3 disciplines	
ISCI Requirement	7 credits	7 ISCI credits + 6 credit honours thesis
Upper-Level Science	40 credits[1)]	49 credits[2)]
Life Sciences	BIOL 200 and one of BIOL 201, BIOC 202, or BIOC 203 recommended	
Discipline	33 credits	42 credits
400-Level Discipline (Depth)	12 credits[3)]	18 credits[4)]
Fundamental Sciences	no more than 9 credits	
Breadth	see Science Advising	see Science Advising

Considerations

Disciplines

Your disciplines are not limited to specific course codes or names

Example

BIOL courses could be included in a neuroscience or physiology discipline

ISCI Courses

ISCI courses can be part of your discipline, but not double counted for the ISCI requirement

Example

ISCI 351 could be included in a discipline, but still need 7 other ISCI credits

Rationales and Specificity

Any course with a strong rationale designated to any specific discipline

Example

Bioinformatics works as a discipline, but not life or health sciences

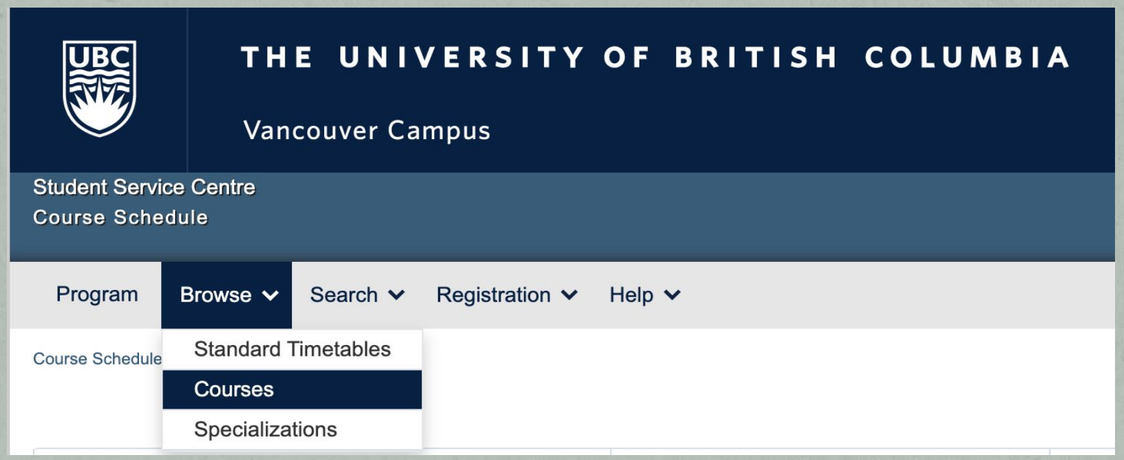
Exploring Interests

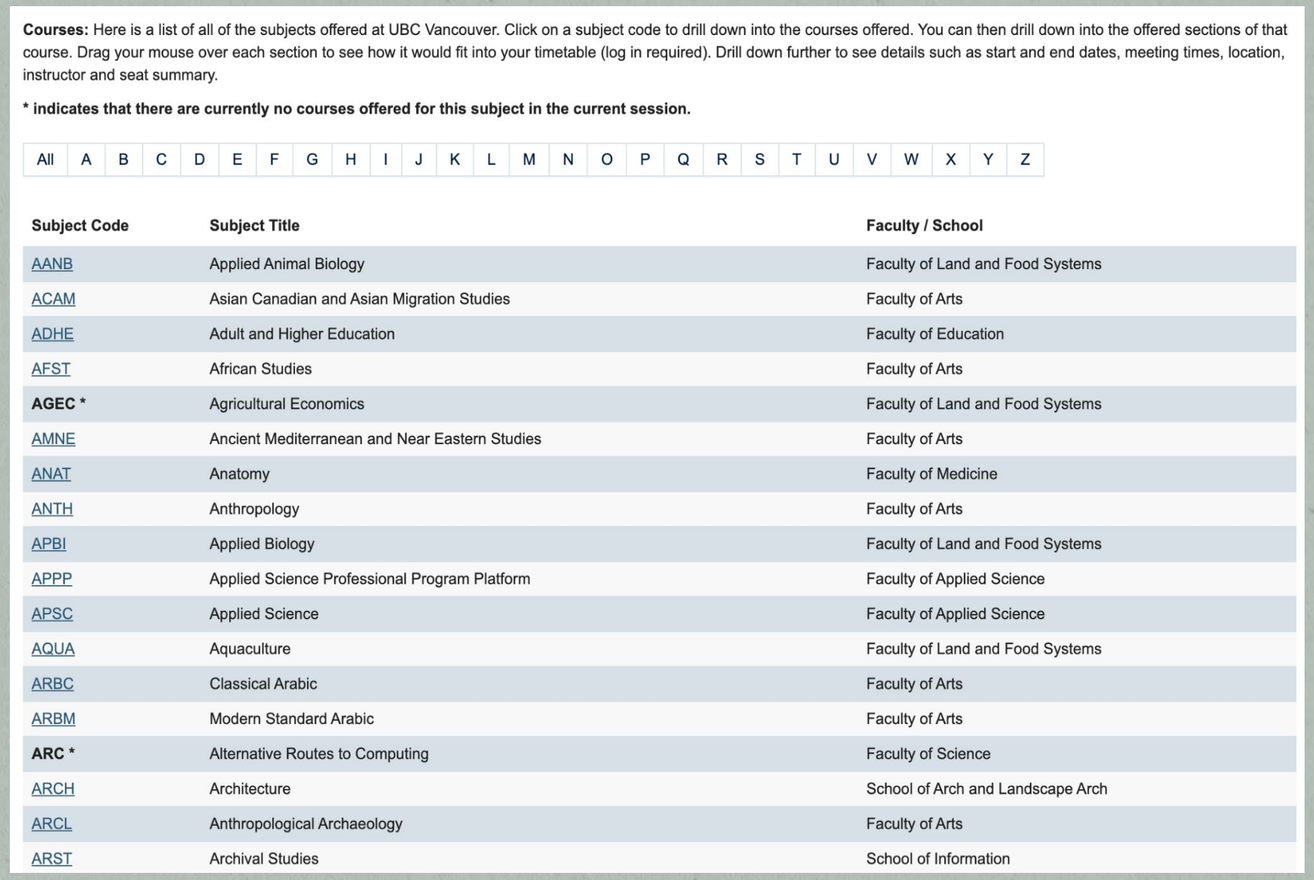
Explore current research at UBC or graduate programs

[Undergraduate Research Opportunities]

Online resources

Your Best Resource: The Student Service Center (SSC)





Courses: Here is a list of all of the subjects offered at UBC Vancouver. Click on a subject code to drill down into the courses offered. You can then drill down into the offered sections of that course. Drag your mouse over each section to see how it would fit into your timetable (log in required). Drill down further to see details such as start and end dates, meeting times, location, instructor and seat summary.

*** indicates that there are currently no courses offered for this subject in the current session.**

All | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

Subject Code	Subject Title	Faculty / School
AANB	Applied Animal Biology	Faculty of Land and Food Systems
ACAM	Asian Canadian and Asian Migration Studies	Faculty of Arts
ADHE	Adult and Higher Education	Faculty of Education
AFST	African Studies	Faculty of Arts
AGEC *	Agricultural Economics	Faculty of Land and Food Systems
AMNE	Ancient Mediterranean and Near Eastern Studies	Faculty of Arts
ANAT	Anatomy	Faculty of Medicine
ANTH	Anthropology	Faculty of Arts
APBI	Applied Biology	Faculty of Land and Food Systems
APPP	Applied Science Professional Program Platform	Faculty of Applied Science
APSC	Applied Science	Faculty of Applied Science
AQUA	Aquaculture	Faculty of Land and Food Systems
ARBC	Classical Arabic	Faculty of Arts
ARBM	Modern Standard Arabic	Faculty of Arts
ARC *	Alternative Routes to Computing	Faculty of Science
ARCH	Architecture	School of Arch and Landscape Arch
ARCL	Anthropological Archaeology	Faculty of Arts
ARST	Archival Studies	School of Information

Navigating the SSC

- Prerequisite: a course that the student must have completed prior to registering for the selected course
- Corequisite: a course that the student must take prior to or concurrently with the selected course.
- Blocked Courses: ISCI students can email the instructor or department to attempt to register if not on an exclusion list
- Restricted Courses: a course that restricts seats for students of a specific year, faculty, program or average
- Worklists: Draft class timetables that you can create before you register to help you plan out your courses

Save To Worklist

MICB 402 Advanced Immunology

Molecular basis of lymphocyte development, activation and adhesion; immunogenetics and the major histocompatibility complex. Consult the credit exclusion list within the Faculty of Science section of the calendar.

This course is eligible for Credit/D/Fail grading. To determine whether you can take this course for Credit/D/Fail grading, visit the Credit/D/Fail website. You must register in the course before you can select the Credit/D/Fail grading option.

Credits: 3

Pre-reqs: One of MICB 302, BIOT 380. (If MICB 302 is used as the prerequisite for MICB 402, students are required to take one of the following as a corequisite: BIOL 234, BIOL 335, MICB 325.)

- Choose one section from all 2 activity types. (e.g. Lecture and Laboratory)

Save To Worklist

MICB 302 Immunology

Mechanisms of innate and adaptive immune responses. Hematopoiesis, development of T and B lymphocytes, leukocyte migration, antigen processing/presentation and the major histocompatibility complex, immune responses against pathogens, and diseases associated with aberrant immune responses.

This course is eligible for Credit/D/Fail grading. To determine whether you can take this course for Credit/D/Fail grading, visit the Credit/D/Fail website. You must register in the course before you can select the Credit/D/Fail grading option.

Credits: 3

Pre-reqs: One of MICB 212, MICB 202.

- This course is restricted to students in year: >2

Save To Worklist

MICB 325 Analysis of Microbial Genes and Genomes

Genetic, molecular biological and bioinformatic approaches for the analysis of microbial genomes, gene structure-function and gene expression with emphasis on bacteria.

This course is eligible for Credit/D/Fail grading. To determine whether you can take this course for Credit/D/Fail grading, visit the Credit/D/Fail website. You must register in the course before you can select the Credit/D/Fail grading option.

Credits: 3

Pre-reqs: One of MICB 211, MICB 201, BIOL 234.

- This course is restricted to students in year: >=3
- Choose one section from all 2 activity types. (e.g. Lecture and Laboratory)

Working Backward to Move Forward

Select upper year courses that peak your interest and develop disciplines based on overlapping topics!

Mock Course Selection Activity

1. Find 3 upper year courses (at least 2 400 level) that interest you AND are each from different course codes
2. Ensure you have the prerequisites or the ability to take the prerequisites before you take the course
3. Find a connecting theme between your selected courses that could become a potential discipline
4. Share your three courses and connecting theme in the chat!

On your own time, you can use this method for selecting your courses and developing your disciplines!

Thanks!

Nicola's Zoom Office Hours

Monday and Wednesday @ 11am to 12pm

Trisha's Zoom Office Hours

Tuesday @ 10:30am to 12:30pm

Visit

https://intsci.ubc.ca

for more details and resources!