CARLETON COMPUTER SCIENCE SOCIETY

Kelly Huang
Director of Community
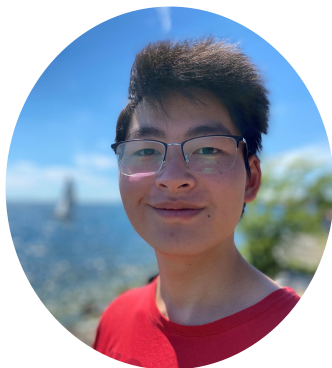
John Lu
Director of Social

Shirley Zhan
Director of Community

Victor Li
President

Agenda

➔ Carleton Computer Science Discord
  ◆ https://discord.com/invite/fvdmVyZbJx

➔ Schedule
  ◆ Registration Presentation → **20 Minutes**
  ◆ Student Panel → **40 Minutes**

➔ Resources
  ◆ COMP First Year Registration Guide

  ◆ https://courses.carletoncomputerscience.ca/
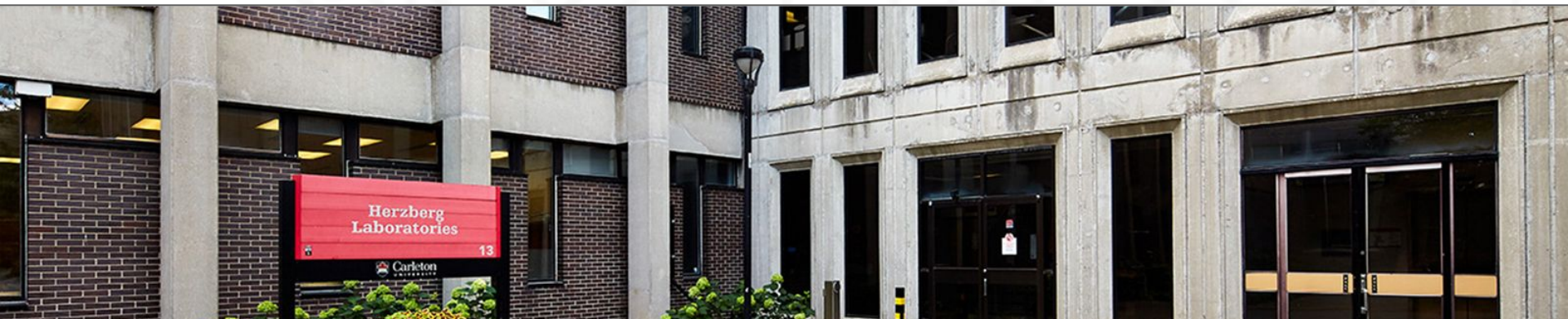
Registration Assistance

For questions about the program, please contact the Undergraduate Advisors.

➔ scs.ug.advisor@carleton.ca

Student Registration Assistance Team – For general registration help

➔ https://carleton.ca/registrar/registration/sra/

CARLETON COMPUTER SCIENCE SOCIETY

Academic & Financial Deadlines

➔ **July 4 - July 6th, 2023:** Course Registration for Incoming students

➔ **August 25, 2023:** Fall Payment Deadline

➔ **September 5, 2023:** Academic Orientation

➔ **September 19, 2023:** Last day to register for Fall term

➔ **September 30, 2023:** Last day to withdraw from fall term and fall/winter courses with a full fee adjustment

Learn more here.

Academic & Financial Deadlines

➔ **September 19, 2022:** Last day to register for Fall term

➔ **September 30, 2022:** Last day to withdraw from fall term and fall/winter courses with a full fee adjustment

This means you can try a course, and if you dislike it, you can drop with a full fee adjustment

Courses

Lecture vs. Tutorials/Labs

➜ Lectures are the main part where professors will teach you

◆ Your **midterms** are usually done in lecture times, so choose your scheduling wisely...

➜ Your courses will sometimes have tutorials/labs

◆ Think of them as extra "classes" conducted by TAs (Teacher's Assistant) to help you better understand the course

◆ Usually when **quizzes** are done

◆ You usually need to register for them separately

General Course Registration FAQ

➔ How much is 1 course worth?

   ◆ **In most cases, 1 course will last 1 term(4 months) and be worth 0.5 credit. Some will be worth 1 credit and take up more time**

➔ Should I register for both the fall and winter terms?

   ◆ **Yes.**

➔ Can I register for 2000+ level courses?

   ◆ **Yes, If permitted (check requirements).**

➔ How many 1000-level courses can I take?

   ◆ **7.0 Credits worth.**

➔ Can I take less than 5 courses (2.5 Credits)?

   ◆ **Yes.** Minimum Required Course Load (Fall/Winter)

Matters Series Courses

➜ **COMP 0999 - COMP Matters**

◆ August 14th-18th

◆ Costs $150 including HST

➜ **MATH 0999 - MATH Matters**

◆ August 21nd-25th

◆ Costs $250 including HST

➜ **Register via Fall Term in Carleton Section**

First Year MATH Courses

➔ **Courses**

◆ **MATH 1007 – Calculus I:** limits, derivatives and differentiation, max/min optimization, basic integrals/antiderivatives(similar to Grade 12 Calculus)

◆ **MATH 1104 – Linear Algebra I:** systems of linear equations, matrix algebra, vector spaces, eigenvalues, complex numbers

➔ **"Engineering" vs "Science" Math**

◆ MATH 1004 covers more content than MATH 1007

◆ MATH 1104 covers more content than MATH 1107

◆ MATH 1004 can replace MATH 1007

➔ **Certain minors may require a higher level MATH course (Ex: Physics Minor)**

◆ When asking questions about a minor, ask that minor's department

First Year COMP Courses

➜ <u>**COMP 1405 - Intro to CS I:**</u> variable types, branching and looping structures, arrays, functions, sorting, searching, and debugging (in Python or Processing)

➜ <u>**COMP 1406 - Intro to CS II:**</u> object-oriented programming, basic data structures, recursion, efficiency, debugging (in Java)

➜ <u>**COMP 1805 - Discrete Structures I:**</u> logic, proof techniques, set theory, graph theory, asymptotic analysis of algorithms

➜ COMP 1405 + 1406 Z

◆ An "accelerated" course for students in Dev Degree or who received a 90% and higher admission average and who have received special permission from the department

◆ Accelerated = Same content, just condensed into 6 weeks (for each course)

◆ In the 2023/2024 year, 1st part of the course will be done in Python and the other part in Java

Required Second Year Courses

➔ <u>**COMP 2401 – Intro to Systems Programming:**</u> memory management, pointers, process management (in C)

➔ <u>**COMP 2402 – Abstract Data Structures:**</u> stacks, queues, lists, trees, graphs

➔ <u>**COMP 2404 – Intro to Software Eng.:**</u> object-oriented software development (in C++)

➔ <u>**COMP 2406 – Web Applications:**</u> HTML/CSS, JavaScript programming, database querying, HTTP, REST

➔ <u>**COMP 2804 – Discrete Structures II:**</u> counting, probability, recurrence relations, randomized algorithms

➔ <u>**STAT 2507 – Intro to Stat Modelling I:**</u> random variables, probability distributions, distribution of sample mean, hypothesis testing

Override Requests

➜ **Needed when there are errors on your registration**
   ◆ You don't fit the criterias or it's a restricted course/lab/tutorial

➜ **Submit an override request to ask for permission**
   ◆ How-to video available [here](#)

➜ **Make sure you check your schedule and submit the request asap**
   ◆ Not guaranteed to be approved
   ◆ Plan out alternatives sections or courses
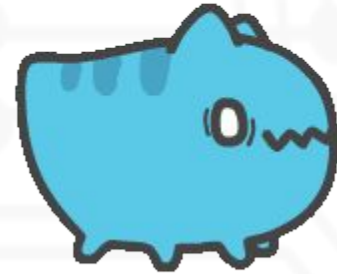
How to Submit a Registration Override Request
Carleton Central How-To

Carleton University

Scheduling

Scheduling Guidelines

1. Add in all possibilities
2. Course Syllabus
3. Morning classes
4. Have lunch time
5. Evening Classes
6. Time Ticket Madness
7. No Perfect Schedule
8. RateMyProf

Scheduling Guidelines

1. All Possibilities

Add in **all the mandatory courses** you would like to take. This may include...

- COMP1405

- MATH1007

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:00							
08:00		COMP 1405 B	MATH 1007 C	COMP 1405 B	MATH 1007 C		
09:00		COMP 1405 B	MATH 1007 C	COMP 1405 B	MATH 1007 C		
		COMP 1405 B	MATH 1007 C	COMP 1405 B	MATH 1007 C		
10:00		MATH 1007 B		MATH 1007 B			
		MATH 1007 B		MATH 1007 B	MATH 1007 CT		
11:00		MATH 1007 B		MATH 1007 B	MATH 1007 CT		
		COMP 1405 T1				COMP 1405 C1	
12:00		COMP 1405 T1				COMP 1405 C1	
		COMP 1405 T1				COMP 1405 C1	
13:00		COMP 1405 B1	MATH 1007 A	COMP 1405 A1 / MATH 1007 F	COMP 1405 A2 / MATH 1007 A	MATH 1007 F	
		COMP 1405 B1	MATH 1007 A	COMP 1405 A1 / MATH 1007 F	COMP 1405 A2 / MATH 1007 A	MATH 1007 F	
14:00		COMP 1405 B1	MATH 1007 A	COMP 1405 A1 / MATH 1007 F	COMP 1405 A2 / MATH 1007 A	MATH 1007 F	
		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C / MATH 1007 AT	COMP 1405 T	
15:00		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C / MATH 1007 AT	COMP 1405 T	
			COMP 1405 C	COMP 1405 T	COMP 1405 C	COMP 1405 T	
16:00			COMP 1405 A / COMP 1405 B2	MATH 1007 D	COMP 1405 A / COMP 1405 C2	MATH 1007 D	
			COMP 1405 A / COMP 1405 B2	MATH 1007 D	COMP 1405 A / COMP 1405 C2	MATH 1007 D	
17:00			COMP 1405 A / COMP 1405 B2	MATH 1007 D	COMP 1405 A / COMP 1405 C2	MATH 1007 D	
						MATH 1007 DT	
18:00			MATH 1007 E	MATH 1007 FT	MATH 1007 E	MATH 1007 DT	
			MATH 1007 E	MATH 1007 FT	MATH 1007 E		
19:00			MATH 1007 E		MATH 1007 E		
			MATH 1007 ET				
20:00			MATH 1007 ET				

Scheduling Guidelines

2. Course Syllabus and Location

What kind of course is it? Is it **online-friendly?** What's the **mark breakdown**? Do you need to **sprint across campus**?

Asynchronous Learners

Note that while almost all of this course may be taken asynchronously by any student (regardless of section), you must be available synchronously (but not in-person) for our midterm test (see the schedule) and our final test, which is scheduled by Carleton at a later time.

Grading Scheme:

- *Four Tests (60%), (15% each)*
- *Final Examination (40%).*

Grade Computation

Drills		10%
Lab Assignments		60%
Pre-labs	4%	
Labs	48%	
Post-labs	8%	
Midterm Test		12%
Final		18%

Scheduling Guidelines

3. Morning Classes?

If you sleep late, do you want to **wake up at 8am for class?** If not, remove morning classes. Personally, I fell asleep in all my morning classes.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:00							
10:00		MATH 1007 B		MATH 1007 B			
		MATH 1007 B		MATH 1007 B			
11:00		MATH 1007 B		MATH 1007 B			
		COMP 1405 T1				COMP 1405 C1	
12:00		COMP 1405 T1				COMP 1405 C1	
		COMP 1405 T1				COMP 1405 C1	
13:00			MATH 1007 A	COMP 1405 A1 MATH 1007 F	COMP 1405 A2 MATH 1007 A	MATH 1007 F	
			MATH 1007 A	COMP 1405 A1 MATH 1007 F	COMP 1405 A2 MATH 1007 A	MATH 1007 F	
14:00			MATH 1007 A	COMP 1405 A1 MATH 1007 F	COMP 1405 A2 MATH 1007 A	MATH 1007 F	
		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
15:00		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
			COMP 1405 C	COMP 1405 T	COMP 1405 C	COMP 1405 T	
16:00			COMP 1405 A	MATH 1007 D	COMP 1405 A COMP 1405 C2	MATH 1007 D	
			COMP 1405 A	MATH 1007 D	COMP 1405 A COMP 1405 C2	MATH 1007 D	
17:00			COMP 1405 A	MATH 1007 D	COMP 1405 A COMP 1405 C2	MATH 1007 D	
						MATH 1007 DT	
18:00			MATH 1007 E	MATH 1007 FT	MATH 1007 E	MATH 1007 DT	
			MATH 1007 E	MATH 1007 FT	MATH 1007 E		
19:00			MATH 1007 E		MATH 1007 E		
			MATH 1007 ET				
20:00			MATH 1007 ET				
21:00							

Scheduling Guidelines

4. Evening Classes?

Do you **like to hang out with peeps**? If so, you might not want to have evening classes

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:00							
10:00		MATH 1007 B		MATH 1007 B			
		MATH 1007 B		MATH 1007 B			
11:00		MATH 1007 B		MATH 1007 B			
		COMP 1405 T1				COMP 1405 C1	
12:00		COMP 1405 T1				COMP 1405 C1	
		COMP 1405 T1				COMP 1405 C1	
13:00			MATH 1007 A	COMP 1405 A1	COMP 1405 A2 MATH 1007 A		
			MATH 1007 A	COMP 1405 A1	COMP 1405 A2 MATH 1007 A		
14:00			MATH 1007 A	COMP 1405 A1	COMP 1405 A2 MATH 1007 A		
		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
15:00		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
			COMP 1405 C	COMP 1405 T	COMP 1405 C	COMP 1405 T	
16:00			COMP 1405 A		COMP 1405 A COMP 1405 C2		
			COMP 1405 A		COMP 1405 A COMP 1405 C2		
17:00			COMP 1405 A		COMP 1405 A COMP 1405 C2		
18:00							

Scheduling Guidelines

5. Lunch Time~

Make sure to **have some time to eat** your lunch.

Can't always align lunch to a specific hour.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:00							
10:00		MATH 1007 B		MATH 1007 B			
		MATH 1007 B		MATH 1007 B			
11:00		MATH 1007 B		MATH 1007 B			
		COMP 1405 T1				COMP 1405 C1	
12:00		COMP 1405 T1				COMP 1405 C1	
		COMP 1405 T1				COMP 1405 C1	
13:00			MATH 1007 A	COMP 1405 A1 MATH 1007 F	COMP 1405 A2 MATH 1007 A	MATH 1007 F	
			MATH 1007 A	COMP 1405 A1 MATH 1007 F	COMP 1405 A2 MATH 1007 A	MATH 1007 F	
14:00			MATH 1007 A	COMP 1405 A1 MATH 1007 F	COMP 1405 A2 MATH 1007 A	MATH 1007 F	
		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
15:00		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
			COMP 1405 C	COMP 1405 T	COMP 1405 C	COMP 1405 T	
16:00			COMP 1405 A	MATH 1007 D	COMP 1405 A COMP 1405 C2	MATH 1007 D	
			COMP 1405 A	MATH 1007 D	COMP 1405 A COMP 1405 C2	MATH 1007 D	
17:00			COMP 1405 A	MATH 1007 D	COMP 1405 A COMP 1405 C2	MATH 1007 D	
						MATH 1007 DT	
18:00			MATH 1007 E	MATH 1007 FT	MATH 1007 E	MATH 1007 DT	
			MATH 1007 E	MATH 1007 FT	MATH 1007 E		
19:00			MATH 1007 E		MATH 1007 E		
			MATH 1007 ET				
20:00			MATH 1007 ET				
21:00							

Scheduling Guidelines

6. Time-Ticket Madness

If you have a later time ticket, a **course you want to take might be filled**. Be prepared to make a new schedule right before your time.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:00							
10:00		MATH 1007 B		MATH 1007 B			
		MATH 1007 B		MATH 1007 B			
11:00		MATH 1007 B		MATH 1007 B		COMP 1405 C1	
		COMP 1405 T1				COMP 1405 C1	
12:00		COMP 1405 T1				COMP 1405 C1	
		COMP 1405 T1				COMP 1405 C1	
13:00			MATH 1007 A	COMP 1405 A1	COMP 1405 A2 MATH 1007 A		
			MATH 1007 A	COMP 1405 A1	COMP 1405 A2 MATH 1007 A		
14:00			MATH 1007 A	COMP 1405 A1	COMP 1405 A2 MATH 1007 A		
		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
15:00		MATH 1007 BT	COMP 1405 C	COMP 1405 T	COMP 1405 C MATH 1007 AT	COMP 1405 T	
			COMP 1405 C	COMP 1405 T	COMP 1405 C	COMP 1405 T	
16:00			COMP 1405 A		COMP 1405 A COMP 1405 C2		
			COMP 1405 A		COMP 1405 A COMP 1405 C2		
17:00			COMP 1405 A		COMP 1405 A COMP 1405 C2		
18:00							

Scheduling Guidelines

7. No Schedule is Perfect

No matter how hard you try, you **won't be able to get the "perfect" schedule**. We can only mix and match until we **find what works best for us**.

My First Year Schedule wasn't perfect either. It's natural. Just try your hardest, and that's good enough

	Monday	Tuesday	Wednesday	Thursday	Friday
8am					PSYC 1001-C 35032 8:35 am-11:25 am SA THB
9am					
10am					
11am		COMP 1405-Z 31236 11:35 am-2:25 pm SA 624		COMP 1405-Z 31236 11:35 am-2:25 pm SA 624	STAT 2507-D4 35471 11:35 am-12:25 pm HP 4385
12pm					
1pm					
2pm					
3pm	STAT 2507-D 35467 2:35 pm-3:55 pm AT 302		STAT 2507-D 35467 2:35 pm-3:55 pm AT 302	MATH 1007-AT 34145 2:35 pm-3:25 pm TBA	
4pm	COMP 1405-Z1 31237 4:05 pm-5:25 pm HS 1301	MATH 1007-A 34140 4:05 pm-5:25 pm TB 360	COMP 1405-Z1 31237 4:05 pm-5:25 pm HS 1301	MATH 1007-A 34140 4:05 pm-5:25 pm TB 360	
5pm					

Scheduling Guidelines

8. RateMyProf

Check **RateMyProf** but **take it with a grain of salt**. When most of the reviews are positive, then it is more credible. Ask upper years too!!!

Also check **whether they have taught the course before**.

How to Check Pre-Reqs

The Undergraduate Calendar provides a **list of courses and its prerequisites**:

https://calendar.carleton.ca/undergrad/undergradprograms/computerscience/#courseinventory

Check the prerequisites on Carleton Central while building your course schedule

How to Check Pre-Reqs

The best way is to check a **program prerequisite chart**

HONOURS COMPUTER SCIENCE - PERSONALIZED SOFTWARE ENGINEERING STREAM
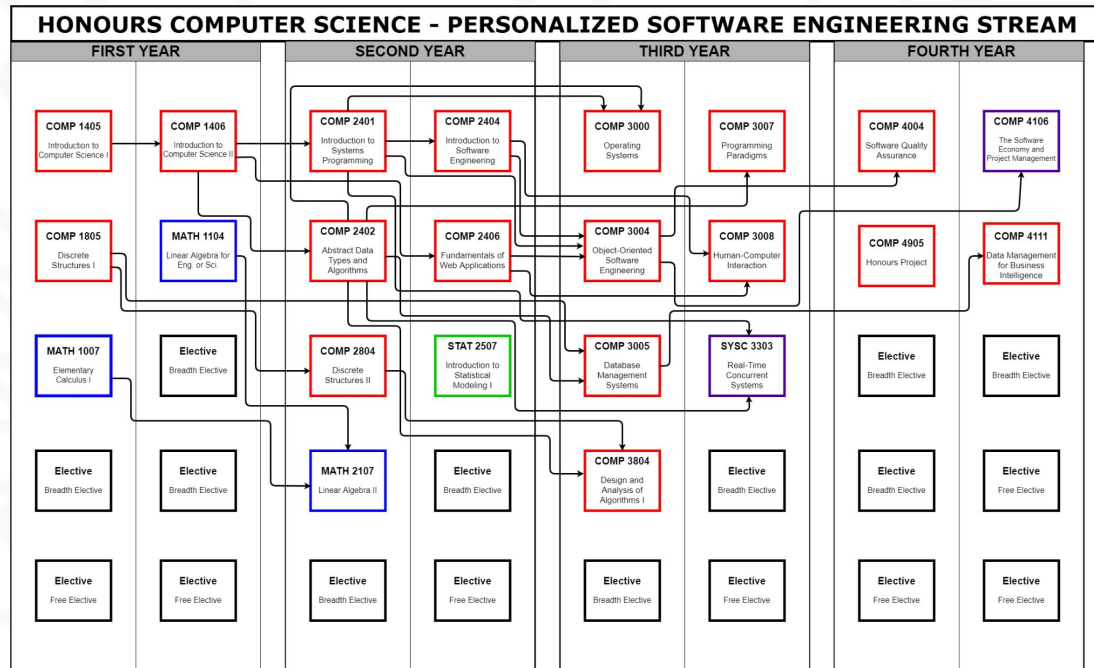
Changing Program Elements

Carleton Central → Student Online Application → Change Program Elements →
Change Program Elements

- Change to **Major** or **Honours**
- Add or remove a **minor**
- Change **Streams**
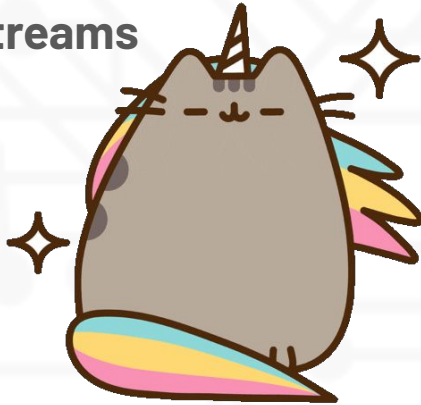
Additional Information

Carleton Academic Calendar

- Holidays and Reading Week
- Last day to register for courses
- Last day to withdraw from courses
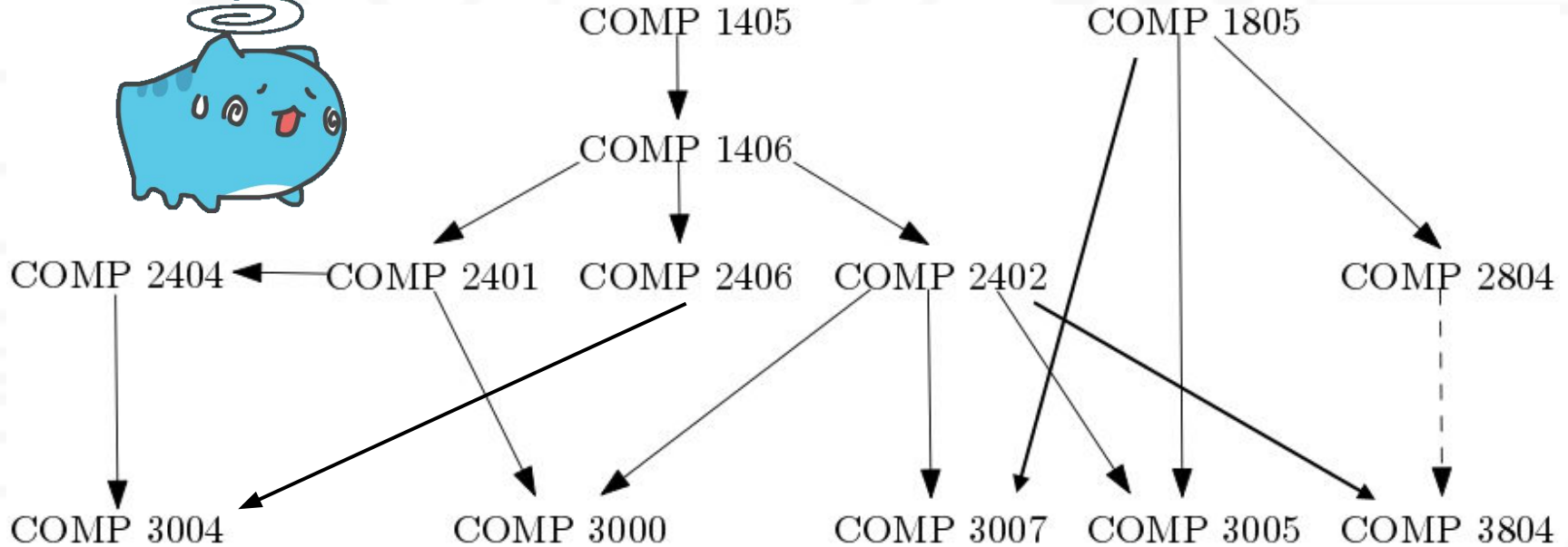- Last day to get a full refund

Link: https://calendar.carleton.ca/academicyear/

Additional Scheduling Options

➔ **MATH 1007 and MATH 1104 can be taken in either order**

➔ **Consider Taking a MATH 2000+ course in the winter after the 1000 level equivalent**

◆ Taking them directly after each other can be easier as you will not have forgotten what you learned in the 1000 level equivalent

➔ **STAT 2507 can be taken in first year**

➔ **COMP 1805 can be taken in the fall**

** These are strictly additional options, it is best to follow the recommended schedule.

Fall Term	Winter Term
COMP 1405 [0.5] Fall	COMP 1805 [0.5] Winter
MATH 1007 [0.5] Fall	COMP 1406 [0.5] Winter
1.5 credits in Electives	MATH 1104 [0.5] Winter
	1.0 credits in Electives

Prerequisite Tree

COMP 1405 → COMP 1406

COMP 1805

COMP 1406 → COMP 2404, COMP 2401, COMP 2406, COMP 2402

COMP 1805 → COMP 2804

COMP 2401 → COMP 2404

COMP 2404 → COMP 3004

COMP 2406 → COMP 3004

COMP 2402 → COMP 3000

COMP 2404 → COMP 3004

COMP 2406 → COMP 3000

COMP 2402 → COMP 3007

COMP 2804 → COMP 3804

COMP 1805 → COMP 3005

COMP 3007

COMP 3005

COMP 3804

*** Taking COMP 2401 or COMP 2402 first will give you the most additional scheduling options later

Breadth vs Free vs Prohibited Electives

➔ **Prohibited Electives/Courses**
  ◆ Courses that will not count towards your degree
  ◆ Refer to newest undergraduate calendar
➔ **Breadth Electives**
  ◆ Not COMP, STAT, MATH or courses under faculty of Engineering
  ◆ If you go over your Breath Elective Requirement, they will be considered as free electives
➔ **Free Electives**
  ◆ Additional COMP, STAT, MATH courses in your degree
  ◆ Additional Breadth courses

The following courses cannot be used for credit in the B.C.S., the Computer Science Minor, or any Combined Computer Science program:

BUSI 1401 [0.5]	Foundations of Information Systems
BUSI 2401 [0.5]	Introduction to Data Analytics
BUSI 2402 [0.5]	Business Applications Development
BUSI 3400 [0.5]	Database Design
CGSC 1005 [0.5]	Computational Methods in Cognitive Science
COMP 1001 [0.5]	Introduction to Computational Thinking for Arts and Social Science Students
ECON 1401/MATH 1401 [0.5]	Elementary Mathematics for Economics I
ECON 1402/MATH 1402 [0.5]	Elementary Mathematics for Economics II
MATH 1009 [0.5]	Mathematics for Business
MATH 1119 [0.5]	Linear Algebra: with Applications to Business

all 0000-level MATH courses

and all courses in BIT, IMD, IRM, MPAD, NET, OSS, PLT and ITEC except for the following: BIT 1000, BIT 1001, BIT 1100, BIT 1101, BIT 1200, BIT 1201, BIT 2000, BIT 2004, BIT 2005, BIT 2007, BIT 2100, BIT 2300.

Stream Options / Switching Streams

➔ Stream = "Specialization", != concentration

➔ **Business** and **Game Dev** = **only** streams with required 1st year courses

➔ Most other streams do not come into effect until you reach **3xxx** level courses

➔ Can transfer streams **via Carleton Central** so long as you're already in a stream or in Honours

➔ If you complete the Game Dev stream specific courses and decide to switch streams later, these courses will count as free electives.

➔ Streams can't be added until after fall registrations ends. Before this time, contact Admissions
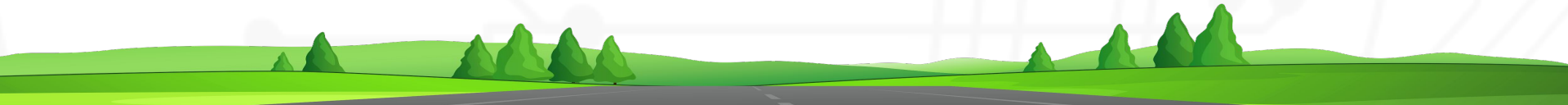
Elective Suggestions

➔ Take electives that genuinely interest you, not just bird courses

➔ Think about using your electives to do a minor

  ◆ BCS students can add up to 2 program elements (minors, streams)

➔ Save courses that can normally be done online to do while on co-op or during the summer

  ◆ Not all courses will be offered online every year
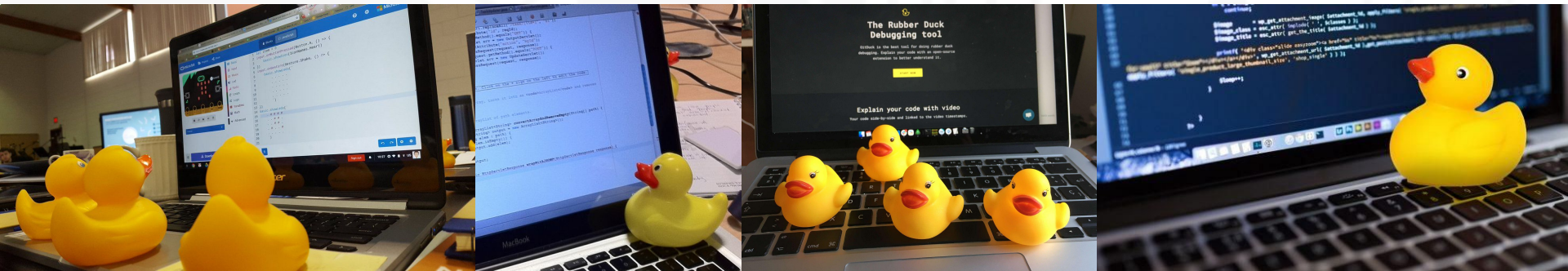
Most common electives for CS students

➔ **CGSC 1001: Mysteries of the Mind**
◆ The prof Jim Davies is a Cross-Appointed Faculty member (Computer Science & Cognitive Science)
◆ He discusses computer science concepts (AI, neural nets etc.) at a very high level in this course

➔ **LING 1001: Introduction to Linguistics I**
◆ More technical than LING 1100

➔ **LING 1100: The Mysteries of Language**
◆ Recommended for people who enjoyed CGSC 1001

➔ **PHIL 2001: Introduction to Logic**
◆ This course covers concepts from COMP 1805

➔ **PHIL 2003: Critical Thinking**
◆ Similar to PHIL 2001
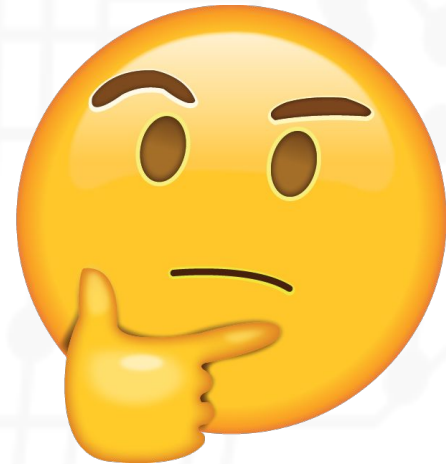
More Elective Suggestions

→ **Science**
- BIOL 1010
- BIOL 2903
- ERTH 1006
- ERTH 2401
- ERTH 2415
- ERTH 2403
- PHYS 1902

→ **Language**
- FREN 1001
- KORE 1010
- JAPA 1010

→ **Reading + Analysis**
- LAWS 1001

→ **Writing**
- COMS 2200
- FILM 1101
- FILM 2809
- SOCI 1001
- TSES 2305
- TSES 3001
- TSES 3002
- TSES 4008

→ **Memorization**
- ECON 1001
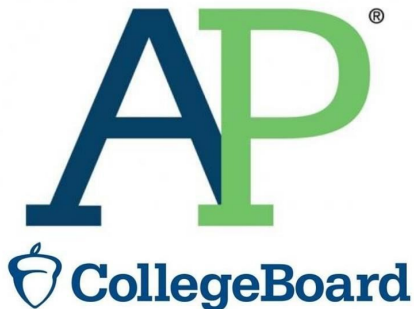- ECON 1002
- PSYC 1001
- PSYC 1002
- CLCV 1002

→ **Miscellaneous**
- BUSI 1402
- BUSI 2204
- ENGL 1008
- MUSI 2608
- PHIL 1000
- PSYC 2400

AP Credits

➔ If you took AP classes in high school and completed the AP exam with a level of 4, you can receive advanced standing credit

➔ https://admissions.carleton.ca/apply/transfer-credit/transferadvanced-standing-credit-ap/

CARLETON COMPUTER SCIENCE SOCIETY

AP Course	Carleton Equivalence
AP Art History	ARTH 1100 (0.5) + ARTH 1101 (0.5)
AP Biology	BIOL 1103 (0.5) + BIOL 1104 (0.5)
AP Calculus AB	MATH 1007 (0.5)
AP Calculus BC	MATH 1007 (0.5) + MATH 2007 (0.5)
AP Chemistry	CHEM 1001 (0.5) + CHEM 1002 (0.5)
AP Chinese Language	CHIN 2XXX (1.0)
AP Micro Economics	ECON 1001 (0.5)
AP Macro Economics	ECON 1002 (0.5)
AP English Language	ENGL 1XXX (1.0)
AP English Literature and Composition	ENGL 1XXX(1.0)
AP Environmental Science	ENSC 1XXX (0.5)
AP European History	HIST 1XXX (1.0)
AP French: Language or Literature	FREN 1XXX (1.0) (NB: the French department will assess each case individually of applicants declaring a major in French)
AP German Language	GERM 1XXX (1.0)
AP Government & Politics: Comparative	PSCI 1XXX (0.5)
AP Government & Politics: United States	PSCI 1XXX (0.5)
AP Human Geography	GEOG 1XXX (0.5)
AP Latin: Literature or Virgil	LATN 2200 (0.5) + LATN 2201 (0.5)
AP Music Theory	MUSI 1106 (0.5) + MUSI 1107 (0.5)
AP Physics B	PHYS 1007 (0.5) + PHYS 1008 (0.5)
AP Physics C (Mechanics)	PHYS 1001 (0.5)
AP Physics C (Electricity and Magnetism)	PHYS 1002 (0.5)
AP Physics 1 & 2	PHYS 1007 (0.5) + PHYS 1008 (0.5) (PHYS 1XXX if taken individually)
AP Psychology	PSYC 1001 (0.5) + PSYC 1002 (0.5)
AP Spanish: Language	SPAN 3010 (0.5)
AP Spanish: Literature	IASS 1XXX (1.0)
AP Statistics	STAT 2507 (0.5)
AP United States History	HIST 1XXX (1.0)
AP World History	HIST 1XXX (1.0)

AP® CollegeBoard

Laptop Recommendations

→ SCS Laptop Requirements:
  ◆ CPU: Intel i5/i7/i9
  ◆ 8GB or more RAM
  ◆ 256GB or larger Hard Drive (SSD Drive Recommended)
  ◆ Wifi, Camera, Microphone and Audio
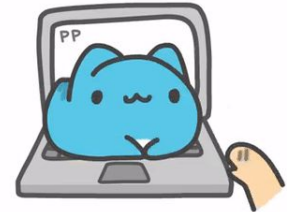
→ Game dev stream has different requirements
  ◆ Windows 10
  ◆ GPU

→ You can use a Macbook with the M1 chip
  ◆ Will have to do many workarounds

Suggestions:
→ Good battery life and lightweight
→ Dell XPS, Lenovo

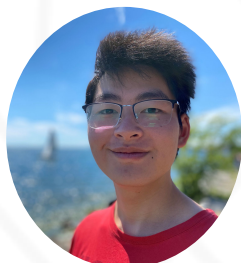# Student Panel

CARLETON COMPUTER SCIENCE SOCIETY

Kelly Huang
2nd Year + Minor
in Psyc

John Lu
2nd Year + Minor
in Math

Ryan Chung
2nd Year + Minor in
Entrepreneurship

Shirley Zhan
3rd Year + Minor in
Japanese

Laura Jin
3rd Year Game Dev +
Minor in Math

Nazeeha Harun
4th Year Cyber Security +
International

Richard Kim
4th Year + Minor in Bio and
Greek and Roman Studies

Victor Li
4th Year Cyber Security
+ Minor in Math

https://discord.com/invite/fvdmVyZbJx