

2025-26 Undergraduate Calendar Changes Summary

Email sent to all active BCS students on June 9, 2025:

Dear Computer Science students,

The School of Computer Science (SCS) would like to inform you of changes to the BCS curriculum as reflected in the [2025-26 Undergraduate Calendar](#). This email is intended to summarize the main changes, inform you of how your program may be impacted (if applicable), and remind you of other important academic related rules and issues. **Please consult the 2025-26 Undergraduate Calendar for all changes, including changes to course descriptions, and preclusion and prerequisite statements.** Please note that the School of Computer Science enforces all calendar prerequisites and reserves the right to have students de-registered from courses due to lack of prerequisites, after sufficient notice to the student asking them to withdraw.

Though this email may seem lengthy, it contains important information. If at any time you need advising, please contact your [Undergraduate Advisors](#).

Although the goal of this email is to make you aware of the main calendar changes and to inform you of other matters, please note that it is still the student's responsibility to be aware of all University rules and regulations as well as those pertaining to their program, as per the Undergraduate Calendar: [1.1 Student Responsibility](#).

Important info and reminders

*****Fall 2025/Winter 2026 registration for returning students begins on July 8 (check your time-ticket on Carleton Central). One week prior to your time-ticket opening, please check your draft schedule(s) or your registration course planning tool to make sure nothing has changed and that there are no new conflicts with your course selections. Day/time, room and instructor changes are rare, but still possible. Please also read the “section information” under each course on the [Public Class Schedule](#) for important information. Course conflicts are prohibited as per University regulations, unless otherwise noted on the Public Class Schedule.**

- Always be aware of important dates and deadlines, including financial and academic withdrawal dates: [The Academic Year \(Graduate and Undergraduate Studies\) < Carleton University](#). Please note that as of Fall 2022, the academic withdrawal date is no longer the last day of the term, and there are also early and late term courses in all terms.
- For COMP courses taken on campus, please see the [SCS Laptop Requirement](#).

Your Audit, Program and Calendar Year:

- Run and monitor your [academic audit](#) on Carleton Central regularly, especially after any registration activity, to make sure it's correct and there are no “courses set aside” that should not be. If you are uncertain of something, see any discrepancies or have questions, please contact your [Undergraduate Advisors](#). *Please read the “Important Notice” paragraph at the very bottom of your audit.

- Your audit shows the “Catalog Year” your program is under (e.g. 202430 = 2024/2025 academic year). Refer to the appropriate calendar for your program under [Calendar Archives](#). Your audit should reflect what is in the calendar, unless there have been curriculum changes since. Every year, the School informs all students by email of any relevant changes to the BCS programs and what to watch for on their audit.
- For prerequisites and preclusions, regardless of your Catalog Year, always refer to the most recent Undergraduate Calendar.
- Students whose program is under an older Catalog Year and who change their program elements (i.e. add/drop a stream, move from Major to Honours or vice versa), will have their new program under the most recent Catalog Year.

Electives, Prohibited Courses, 1000-level Courses, Prerequisites and Preclusions:

- Be aware of the [electives and prohibited courses](#) for the BCS program. Also refer to the [Computer Science](#) program section of the Undergraduate Calendar for elective definitions, and for the most up-to-date list of prohibited courses. **NOTE:** As of Fall 2023, **BUSI 1401 and BUSI 2401** are prohibited and cannot be used for credit in the BCS or any combined Computer Science program. *Please see below for information regarding BUSI 1401 for students who currently have or would like to add a Minor in Business.*
- The maximum number of credits at the zero and 1000-level that can be used for your entire program is 7.0 credits, as outlined in the calendar section [2.2.1 Maximum Credits Below the 2000 Level](#). This information also appears on the academic audit, under “summary of program requirements”.
- For prerequisites and preclusions, as stated above, always refer to **the most recent Undergraduate Calendar**.
- The School enforces all calendar prerequisites. Any exceptions for 2025-26 are noted on the [Public Class Schedule](#).
- The School, after notifying students, will de-register any students who fail to meet the prerequisites of a course, including minimum grade requirements as per the Undergraduate Calendar.
- When a course “precludes additional credit” for another course, this means you cannot get credit for both courses. It does not mean that the two courses are equivalent, though in some cases they may be. If two courses that preclude each other are taken, only the most recent attempt can count towards your program and for credit; the other course will be forfeited on your audit under “courses set aside”. Please refer to [2.1.9 Credit for Closely-related Courses](#).
- When a course is repeated, the best grade is used for CGPA calculations and towards the program requirements. The Best Grade rule applies to direct repeated courses and cross-listed courses but not precluded courses. For more details please see [FAQ: Repeating Courses - Academic Advising \(carleton.ca\)](#).

Additional Notes on Electives and Special Topics Courses:

- Special Topics courses are offered each term under COMP 4900, with different section letters. Students may take multiple Special Topics courses over the years, as long as they do not take the same topic/subject more than once. **IMPORTANT:** The system will not stop you from registering in the same COMP 4900 course again, so please monitor this on your own. If you are unable to register for a COMP 4900 course, please submit a registration override request on Carleton Central. All details of each COMP 4900 course, including prerequisites, are always listed on the Public Class Schedule.
- Late addition of a Special Topics courses for Winter 2026: **COMP 4900 A: Generative AI and Large Language Model (LLMs)**. Please see the Public Class Schedule for details.
- Physics is offering a quantum course in Fall 2025 for those interested in this as an elective:

PHYS 3705 Intro to Quantum Systems

This course is aimed at Computer Science and other students interested in developing a foundational understanding of quantum systems. Topics include: postulates of quantum mechanics, Hilbert space and observables, qubits, 2 state systems, entanglement, Schrodinger equation, 1D potentials, tunnelling, EPR paradox.

Precludes additional credit for PHYS 3701.

requisite(s): (MATH 1004 or MATH 1007) and (MATH 1104 or MATH 1107).

For all BCS Honours programs:

- As of Fall 2022, COMP 4905 [0.5] Honours Project and COMP 4906 [1.0] Honours Thesis are **optional** in all BCS Honours programs. In place of COMP 4905 or COMP 4906, you may take any other COMP at the 4000-level course(s) to fulfill the degree requirement as shown in Part C of your [academic audit](#). Please see <https://carleton.ca/scs/current-students/undergraduate-students/honours-project-and-directed-studies/> for more details.

BUSI 1401 - For BCS Honours students who have a Minor in Business or plan to add the Minor in Business in the future:

- BUSI 2400 was replaced by BUSI 1401 in the Minor in Business. If students took BUSI 1401 *prior to Fall 2023*, the course is usable as credit towards the Minor in Business and also toward the BCS electives (if any remain to be taken). *As of Fall 2023, BUSI 1401 is a prohibited course for all BCS and combined Computer Science programs and students will not be able to use it as credit towards a Minor in Business or as a BCS elective.* However, the Sprott School of Business has agreed to allow BCS students to use COMP 1005/1405 instead of BUSI 1401 in the Minor in Business. Sprott will have the affected audits amended to reflect this change. Please do not register in BUSI 1401—it will not be usable as credit under any circumstances. If you need advising on the Minor in Business, please contact bcom@sprott.carleton.ca.

The following is a summary of the calendar changes you need to be aware of, **effective Fall 2025**. For course descriptions, prerequisites and preclusions, please refer to the [2025-26 Undergraduate Calendar](#).

See the “section information” notes under each course on the [Public Class Schedule](#) for additional information including registration priority and course delivery (where applicable), and the prerequisites for the COMP 4900 Special Topics courses. **NOTE: Course conflicts are prohibited unless otherwise noted.**

NEW and REVISED BCS PROGRAM REQUIREMENTS

Changes to COMP Courses

COMP 2108 – CSEC 2108 was added to the preclusion statement.

COMP 2401 – SYSC 1006 was added to the preclusion statement.

COMP 2501 – COMP 1501 was removed as a prerequisite.

COMP 3007 – NEW Prerequisites: COMP 1805 with a minimum grade of C-, COMP 2401 with a minimum grade of C-, COMP 2402, (COMP 2404 or SYSC 3010 or SYSC 3110) and (COMP 2406 or SYSC 4504).

COMP 3106 – SYSC 4416 was added to the preclusion statement.

COMP 3203 – SYSC 3512 and SYSC 4602 were added to the preclusion statement.

COMP 3804 – Prerequisite statement now matched that of the cross-listed MATH 3804.

COMP 4108 – CSEC 3108 was added to the preclusion statement.

COMP 4116 – New course code for Multiagent Systems. This course was previously offered under COMP 4900 Special Topics. *Students who took this course under COMP 4900 cannot take COMP 4116 for credit.*

COMP 4905 – Honours Project. BCS Honours students must have fourth-year standing.

Courses no longer equivalent

SYSC 2004 – As of Fall 2025, this course is no longer equivalent to COMP 1006/1406. Students who transferred from B.Eng to BCS may only receive credit for COMP 1006/1406 if they took SYSC 2004 prior to Fall 2025.

Computer Game Development stream

COMP 1501 and COMP 2501 are no longer mandatory, but optional from a list of courses. This only pertains to students whose program is under to 2025-26 calendar. Otherwise, please follow your audit and the calendar of the year your program is under. If you would like to update your program's calendar year to 2025-26, please contact us at scs.ug.advisor@carleton.ca.

NOTE: All game courses (1501, 2501, 3501 and 4501) are now open to all BCS students who meet the calendar prerequisites.

Prohibited Courses list for all BCS programs

MPAD 2501, 3300, 3501, 4001, 4501, 4502, 4503, 4504 are no longer prohibited. Please consult the prohibited courses list for Computer Science in the [Undergraduate Calendar](#).

This email will also be posted at https://carleton.ca/scs/current-students/undergraduate-students/courses-and-registration/#UG_calendar_change_summaries.

Please reach out to scs.ug.advisor@carleton.ca if you have any questions or need advising.

Wishing you all good health and much success in your studies!

Edina Storfer & Jennifer McCarthy

Undergraduate Advisors

School of Computer Science