

July 12th, 2022

Subject: Important Notes and Curriculum Changes in the 2022-2023 UG Calendar

Dear Student,

Each academic year, all students enrolled in our **Computer Science** program are sent a letter advising them of curriculum changes that have occurred since their entry into the program. As such, the present letter is to advise you of changes to your program that will appear in the 2022 - 2023 Undergraduate Calendar.

It is important to read this entire letter, as these changes may affect your selection of courses or potentially your graduation. This letter, as well as past ones, can be found on the following website:

<https://www.concordia.ca/ginacody/computer-science-software-eng/programs/computer-science/bachelor/bcomp-sc-general/course-sequences.html>

Should you have any questions regarding this letter and any of the curriculum changes therein, please do not hesitate to contact your Undergraduate Program Assistants, Ms. Kayla Donovan and Ms. Natallia Lapko:

- By email at cse-ugrad@concordia.ca
- By phone at 514-848-2424 extensions 7915 and 3053;
- You may book an advising appointment over Zoom:
<https://app.acuityscheduling.com/schedule.php?owner=18004019>

Please be reminded that you can always consult your program requirements and course descriptions by referring to the following website:

<http://www.concordia.ca/academics/undergraduate/calendar/current/sec71.html>

and

<https://www.concordia.ca/academics/undergraduate/calendar/current/sec71/71-70.html#b71.70.1>

Please read the following pages carefully.

VERY IMPORTANT:

- 1. Students must have completed all 200-level courses required for their program before they can register for any 400-level course.**
- 2. All 200-level courses within the program, taken after September 1, 2012 which are prerequisites for other courses, must be completed with a C- grade or better. A 200- level course in which a student obtained a D+ grade or lower must be repeated before attempting any course for which this 200-level course is a prerequisite.**
- 3. Any courses that you are required to repeat due to conditional standing or readmission conditions must be completed with a grade of C- or better prior to graduation. This requirement will NOT be waived.**
- 4. Students are required to graduate having met the substantial equivalent of the curriculum in force in the winter term prior to their degree conferral.**
- 5. Students may now submit a request to write a supplemental exam, pending on meeting the requirements highlighted in section 71.10.3 of the 2022-2023 Calendar. Meeting the conditions does not guarantee the approval of the request.**
- 6. In order to graduate, students must:**
 - i. Satisfy all their program requirements;**
 - ii. Be in acceptable standing in their last annual assessment; and**
 - iii. Have a minimum final graduation GPA of 2.00.**

The academic standings of potential graduates who have attempted less than 12 credits since their last assessment are determined on the basis that these credits constitute an extension of the last assessment period.

- 7. Graduation does NOT occur automatically and you must apply for graduation. In order to find instructions on how to apply to graduate, please visit the link <https://www.concordia.ca/students/your-sis/apply-to-graduate.html>**

The deadlines to apply for graduation are:

- January 15th for Spring Convocation; or**
- July 15th for Fall Convocation.**

- 8. MATH 202 is no longer required for students in the Extended Credit (ECP) or Mature Entry (MEP) programs.**

A new BCompSc Joint Major in Data Science starting in Fall 2022.

The Gina Cody School of Engineering and Computer Science and the Faculty of Arts and Science have created a program of study which combines a comprehensive education in computer science and mathematics. The BCompSc Joint Major in Data Science provides the foundational courses that are critical for Data Science. The mathematics and statistics component of the program includes topics that overlap with computer science, such as calculus, probability and statistics, numerical analysis, and a data science lab.

Structure of the Program

The program consists of 90 credits.

Joint Major in Data Science	<i>Credits</i>
Computer Science Core (see §71.70.2)*	33.00
Complementary Core (see §71.70.2)	6.00
Data Science courses	16.00
Mathematics and Statistics Core	18.00
Computer Science Electives (see §71.70.2)	6.00
General Electives (see §71.70.2)	11.00
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	90.00

Students interested in knowing more about this program can contact the Undergraduate Program Advisor or the Undergraduate Program Director.

Other changes:

Changes in course credits

COMP 333 Data Analytics is now a **4 credits course**.

The following new course has been introduced

COMP 433 Introduction to Deep Learning (4 credits).

This course replaces the former cross listed COMP 499 Deep Learning course.