

Feb, 2025

Subject: Important Notes and Curriculum Changes in the 2025-2026 UG Calendar

Dear Student,

Each academic year, all students enrolled in our **Industrial Engineering** 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 2025-2026 Undergraduate Calendar.

It is important to read this entire letter, as these changes may affect your selection of courses or potentially your graduation. Students must meet the requirements of their program according to the calendar of their graduating year.

This letter, as well as past ones, can be found on the following website:

[Course sequences for Industrial Engineering \(BEng\) \(concordia.ca\)](#)

Should you have any questions regarding this letter and any of the curriculum changes therein, please do not hesitate to contact your Undergraduate Program Assistant, Ms. Sabrina Poirier:

- By email at mie-upa@encs.concordia.ca;
- By phone at 514-848-2424 extension 3133; or
- In-person in room EV 4.144.

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

<https://www.concordia.ca/academics/undergraduate/calendar/current/section-71-gina-cody-school-of-engineering-and-computer-science/section-71-40-department-of-mechanical-industrial-and-aerospace-engineering/section-71-40-2-course-requirements-beng-in-industrial-engineering-.html>

Please read the following pages carefully.

VERY IMPORTANT:

It is important to check the undergraduate academic dates:

<https://www.concordia.ca/students/undergraduate/undergraduate-academic-dates.html>

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 2025-2026 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. The application form can be found at: <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.

Changes to the Industrial Engineering Program

1. Changes to the Engineering Core

- No changes have been made to the Engineering Core.

2. Changes to the Industrial Engineering Core

- ENCS 282 is now a prerequisite to MIAE 380. MIAE 380 now has the following Prerequisite/Corequisite: The following courses must be completed previously: MECH 211 or MIAE 211; ENCS 282.

3. Changes to the Industrial Engineering Electives

- No changes have been made to the Industrial Engineering Electives.

Transition Measures for Industrial Engineering Students who have entered the program prior to May 2023

New Condition since 2023-24 Calendar	Students who have completed a course from the Basic and Natural Science Courses: Industrial Engineering list prior to May 2023 (See Table 1)	Students who have completed at least two natural science courses from Table 2 during their CEGEP studies	Students who did not complete two natural science courses from Table 2 during their CEGEP studies	ECP and MEP Students who have not completed courses from Basic and Natural Science Courses: Industrial Engineering list prior to May 2023 (See Table 1)
Industrial Engineering Electives 12 credits	will receive 3 credits towards 12 credits Industrial Engineering Elective requirements	will complete all 12 credits Industrial Engineering Electives from the list given in 2025-2026 calendar.	are required to complete 3 credits natural science course from the Natural Science Elective List given in Section 71.20.2 Extended Credit Program. These courses will count towards student's 12 credits Industrial Engineering Elective requirements	must take one course from Natural Science Elective List given in Section 71.20.2 Extended Credit Program. These courses will count toward student's 12 credits Industrial Engineering Elective requirements
ECP and MEP students are now (As of May 2023) required to take additional six credits Natural Science courses from the list given in Section 71.20.2 Extended Credit Program.	<p align="center">Not applicable</p> <p align="center">Natural Science courses taken from Table 1 or Section 71.20.2 Extended Credit Program in Concordia will count towards student's 12 credits Industrial Engineering Elective requirements.</p>			

Table 1: Basic and Natural Science Courses: Industrial Engineering

BIOL 206 Elementary Genetics (3.00)
BIOL 261 Molecular and General Genetics (3.00)
CHEM 217 Introductory Analytical Chemistry I (3.00)
CHEM 221 Introductory Organic Chemistry I (3.00)
CIVI 231 Geology for Civil Engineers (3.00)
GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics (3.00)
GEOL 208 The Earth, Moon and the Planets (3.00)
PHYS 252 Optics (3.00)
PHYS 260 Introductory Biophysics (3.00)
PHYS 273 Energy and Environment (3.00)
PHYS 284 Introduction to Astronomy (3.00)
PHYS 385 Astrophysics (3.00)

Table 2: Natural Science Courses from CEGEP

CEGEP	Concordia	Credits
Biology 301, 101-NYA	BIOL 202 General Biology I	3
202-201 or 202-NYB	CHEM 206 Chemistry of Solutions	3
203-301 or 203-302 or 203-NYC	PHYS 206 Waves, Optics and Modern Physics	3