Engineering Concurrent Degree in Science FAQ's

Engineering students may choose to pursue a concurrent degree in Science, earning both a Bachelor of Engineering Science (BESc) degree and a Bachelor of Science (BSc) degree, typically a 3 Year BSc with a major in the subject of their choice. Generally, this combination takes 5 years to complete, though it can take longer.

Admission Requirements

- Students must meet the admission requirements for the Science module they would like to pursue, as listed in the Academic Calendar*
- Students must be in Year 2 and admitted to an Engineering discipline before being enrolled in a concurrent degree.

*Occasionally, Engineering courses may be substituted for Science admission requirements if they are not listed. Please inquire with Science Academic Advising if you believe you may have taken a course that can be substituted.

Structure of the Concurrent Degree

- Students complete their full BESc degree requirements, plus a minimum of 5.0 additional senior level (2000+) modular courses, and the Bachelor of Science Breadth and Essay requirements. 10.0 credits, determined by both Faculties, are shared between BESc and the BSc. A maximum of 1.0 modular course may count towards Engineering as well as Science (the other 5.0 may only count towards the Science Major).
  - Breadth Requirements:
    - 1.0 in Category A (Social Science), satisfied by BUS1299E;
    - 1.0 in Category B (Arts & Humanities), 0.5 is satisfied by Writing 2130F/G* The other 0.5 Category B course may be satisfied by a Non-Technical elective, as long as the course is from Category B
  - 2.0 Essay credits are required, these are satisfied by:
    - BUS1299E
    - Writing 2130F/G*
    - ELI4110F/G
- Students may pursue these degrees as concurrent or sequential. This means that a student can graduate from Engineering first, and then return as a Science student to finish any remaining BSc requirements (sequential), or they can space out the courses and graduate with both degrees at the same time (concurrent). The required courses are the same in either case.

- It is important to understand that only 1.0 modular course can count towards both the Science module and the Engineering program. For example, in a 6.0 Major module, a maximum of 1.0 credit (2 half-courses) may also count towards the Engineering program. 1000-level admission requirements do not apply, as many as needed may count towards both degrees.

*Students who are approved by Engineering Academic Advising to take a substitute to Writing 2130F/G must contact a Science Academic Advisor to determine how to complete the Essay Requirements and Category B.

Enrollment Process

1. Review the information above, and reach out to Science Academic Advising if you have any questions.
2. Fill out a Science Advising Help Portal ticket, indicating which Science module you want to pursue. This can be done at any time of year*****
3. A Science Advisor will check that you have the admission requirements, and prepare a concurrent outline if you do.
4. A Science Advisor will add your Engineering Academic Advisor to the Help Portal ticket. The Engineering Advisor will review the outline, make any necessary notes, and then enroll you in the concurrent degree.

*Year 1 students must wait until they have been admitted to their Year 2 Engineering program to receive a finalized outline.

Concurrent Degrees that are Not Allowed

- Data Science Major with Software Engineering
- Data Science Major with Software Systems (Computer Engineering)
- Computer Science Major with Software Engineering
- Computer Science Major with Software Systems (Computer Engineering)

Connect with Sciences Academic Advising via our Help Portal

- https://www.uwo.ca/sci/advising/ (Advising Services – Help Portal)