

2026-27 ELECTIVE LIST FOR STUDENTS IN:
B.ENG SOFTWARE ENGINEERING (BENG-8P)
B.ENG SOFTWARE ENGINEERING STREAM A: ARTIFICIAL INTELLIGENCE (BENG-8PA)

IMPORTANT INFORMATION, PLEASE READ CAREFULLY:

- PRIORITY ACCESS FOR ALL COURSES TO BCS, BDS and B.CYBER. STUDENTS. AVAILABILITY TO B.ENG STUDENTS IS SPACE PERMITTING.
- ALL STUDENTS MUST SUBMIT A REGISTRATION OVERRIDE REQUEST IN CARLETON CENTRAL TO REQUEST A SEAT. IF THE REQUEST IS APPROVED, THREE (3) DAYS WILL BE GIVEN TO REGISTER. NOTE THAT AN APPROVAL IS NO GUARANTEE OF A SEAT IF THE COURSE FILLS UP IN THE MEANTIME. PARTIAL APPROVALS MAY ALSO BE GRANTED IN ORDER TO JOIN A WAITLIST (IF APPLICABLE).
- ALL CALENDAR PREREQUISITES MUST BE MET. PLEASE REFER TO THE 2026-27 UNDERGRADUATE CALENDAR FOR ALL PREREQUISITES AND PRECLUSIONS. FOR COMP 4900 SPECIAL TOPICS COURSES, REFER TO THE PUBLIC CLASS SCHEDULE FOR COURSE DESCRIPTIONS AND PREREQUISITES.
- SEE THE 'SECTION INFORMATION' ON THE PUBLIC CLASS SCHEDULE FOR MORE INFORMATION ON EACH COURSE, INCLUDING EXCEPTIONS TO ANY CALENDAR PREREQUISITES.
- COURSES BELOW WITH * HAVE REGISTRATION PRIORITY *BY DATE*. PLEASE REFER TO THE PUBLIC CLASS SCHEDULE.

Fall 2026

*COMP 2108 – Applied Cryptography and Authentication

SYSC 2004 (with C- or above) may only be used as a prerequisite (in lieu of COMP 1006/1406) if taken prior to Fall 2025.

NOTE: The Winter section of this course is not available to B.Eng students.

*COMP 3008 – Software Structures for User Interfaces (formerly Human-Computer Interaction)

Precludes additional credit for SYSC 4130. Students in a catalogue year that requires taking SYSC 4130 as a mandatory course are not eligible to take COMP 3008 to replace SYSC 4130 due to accreditation requirements.

COMP 4102 – Computer Vision

COMP 4900 H (31167) – Special Topics in CS: Trends in Big Data Management

See Public Class Schedule for course description and prerequisites.

Winter 2027

*COMP 3008 – Software Structures for User Interfaces (formerly Human-Computer Interaction)

Precludes additional credit for SYSC 4130. Students in a catalogue year that requires taking SYSC 4130 as a mandatory course are not eligible to take COMP 3008 to replace SYSC 4130 due to accreditation requirements.

COMP 3803 – Introduction to Theory of Computation

COMP 4000 – Distributed Operating Systems

SYSC 4001 may only be used as a prerequisite if taken prior to Fall 2025.

*COMP 4203 – Wireless Networks and Security

COMP 4900 C (11180) – Special Topics in CS: Detail Augmentation and Synthesis (formerly Texture and Pattern Synthesis)

Students who took this course under the previous title may not take it again for credit. See Public Class Schedule for more information.

COMP 4900 E (11181) – Special Topics in CS: Real-Time Operating Systems

See Public Class Schedule for course description and prerequisites.

Please note: multiple COMP 4900 courses may be taken as long as the topics are different.