

**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 A (31163) – Special Topics in CS: Real-Time Operating Systems

*See Public Class Schedule for course description and prerequisites.*

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.*

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