

## 2025-26 ELECTIVE LIST FOR B.ENG SOFTWARE ENGINEERING STUDENTS (BENG-8P)

**ALL CALENDAR PREREQUISITES MUST BE MET AND AVAILABILITY TO B.ENG STUDENTS IS SPACE PERMITTING PRIORITY ACCESS TO BCS, BDS and B.CYBER. STUDENTS**

**ALL STUDENTS MUST SUBMIT A REGISTRATION OVERRIDE REQUEST IN CARLETON CENTRAL TO REQUEST A SEAT**

**PLEASE REFER TO THE 2025-26 [UNDERGRADUATE CALENDAR](#) FOR ALL PREREQUISITES AND PRECLUSIONS**

**PLEASE SEE THE 'SECTION INFORMATION' ON THE [PUBLIC CLASS SCHEDULE](#) FOR MORE INFORMATIONS ON EACH COURSE, INCLUDING THE PREREQUISITES FOR EACH COMP 4900 COURSE**

### **Fall 2025**

COMP 2108 – Applied Cryptography and Authentication

*Precludes additional credit for COMP 3109 (no longer offered), COMP 4109 (no longer offered), CSEC 2108. SYSC 2004 (with C- or above) may only be used as a prerequisite if taken prior to Fall 2025.*

COMP 3008 – Human-Computer Interaction

*Precludes additional credit for SYSC 4130.*

COMP 3801 – Algorithms for Modern Data Sets

COMP 3803 – Introduction to Theory of Computation

COMP 4900 D (31230) – Special Topics: Geometry Processing

*See Public Class Schedule for prerequisites.*

### **Winter 2026**

COMP 2108 – Applied Cryptography and Authentication

*Precludes additional credit for COMP 3109 (no longer offered), COMP 4109 (no longer offered), CSEC 2108. SYSC 2004 (with C- or above) may only be used as a prerequisite if taken prior to Fall 2025.*

COMP 3002 – Compiler Construction

*SYSC 2100 may only be used as a prerequisite if taken prior to Fall 2022.*

COMP 3008 – Human-Computer Interaction

*Precludes additional credit for SYSC 4130.*

COMP 4107 – Neural Networks

COMP 4203 – Wireless Networks and Security

COMP 4900 C (11211) – Special Topics: 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 prerequisites.*

COMP 4900 E (11212) – Special Topics: Real-Time Operating Systems

*See Public Class Schedule for prerequisites.*

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