# Computer Engineering: Software Systems for Ubiquitous Computing and Business (Option D)

**September 2020** *(for students who entered first year in September 2018)*

## Year 2

### Term A
- AM 2270A Applied Mathematics for Engineering II
- SE 2202A Scripting Programming Language Fundamentals
- ECE 2205A Electric Circuits I
- ECE 2277A Digital Logic Systems
- Math 2151A Discrete Structures for Engineering
- SE 2203A Software Design
- BUS 2257 Accounting and Business Analysis

### Term B
- ECE 3375B Microprocessors and Microcomputers
- ECE 3380B Advanced Digital Systems
- MSE 2233B Circuits and Systems
- SE 2205B Algorithms and Data Structures for Object-Oriented Design
- BUS 2257 Accounting and Business Analysis

## Year 3: HBA 1

## Year 4

### Term A
- ECE 3389A Computer System Design
- ECE 4436A Networking: Principles, Protocols & Architecture
- SE 3313A Operating Systems for Software Engineering
- SE 3316A Web Technologies
- SE 3352A Software Requirements and Analysis
- BUS 4569 Ivey Field Project

### Term B
- ECE 3331B Introduction to Signal Processing
- ECE 3390B Hardware/Software Co-Design
- ECE 4460B Real-Time and Embedded Systems
- SE 3314B Design and Implementation of Computer Networks
- SE 3353B Human-Computer Interface Design
- SS 2143B Applied Statistics and Data Analysis for Engineers

## Year 5

### Term A
- ECE 4415 Computer Engineering Design Project
- ECE 3330A Control Systems
- ECE 4437A Communications Theory
- SE 4452A Software Verification and Validation
- **1.5 HBA required courses:**
  - International Perspective Requirement: Business 4505A/B.
  - Corporations and Society Requirement: 0.5-credit from Business Administration – Corporations and Society offered during the academic year to satisfy this requirement.
  - Managerial Accounting Requirement: Business 4624A/B

### Term B
- ECE 4415 Computer Engineering Design Project
- ES 4498G Engineering Ethics, Sustainable Development & the Law
- SE 4455B Cloud Computing
- Three 0.5-credit Business electives from the 4000-level Business courses

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*The official version of the academic calendar can be found at: [www.westerncalendar.uwo.ca](http://www.westerncalendar.uwo.ca)*