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

**September 2021 (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
- **AM 2276B**: Applied Mathematics for Elec. & Mech. Engineering I
- **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
- **ELI 4410G**: 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)*