Western ⚜ Engineering

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

September 2019 *(for students who entered first year in September 2018)*

Year 2		**NOTES:**
Term A		
AM 2270A	Applied Mathematics for Engineering II	****1.5 HBA required courses:**
ECE 2205A	Electric Circuits I	• International Perspective Requirement: Business 4505A/B.
ECE 2277A	Digital Logic Systems	• Corporations and Society Requirement: at least 0.5-credit from Business Administration – Corporations and Society designated electives offered during the academic year or other business elective as determined and approved by the HBA Program Director to satisfy this requirement.
Math 2151A	Discrete Structures for Engineering	
SE 2202A	Scripting Programming Language Fundamentals	
SE 2205A	Algorithms and Data Structures for Object-Oriented Design	
BUS 2257	Accounting and Business Analysis	• Managerial Accounting Requirement: Business 4624A/B

Term B

AM 2276B	Applied Mathematics for Elec. & Mech. Engineering III
ECE 3375B	Microprocessors and Microcomputers
ECE 3380B	Advanced Digital Systems
MSE 2233B	Circuits and Systems
SE 2203B	Software 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**	

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	

The official version of the academic calendar can be found at: www.westerncalendar.uwo.ca