

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

September 2020 (for students who entered first year in September 2016)

<p>Year 2</p> <p>Term A</p> <p>AM 2270A Applied Mathematics for Engineering II CS 1037A Computer Science Fundamentals II 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</p> <p>Term B</p> <p>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 2205B Algorithms and Data Structures for Object-Oriented Design BUS 2257 Accounting and Business Analysis</p> <p>Year 3: HBA 1</p> <p>Year 4</p> <p>Term A</p> <p>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</p> <p>Term B</p> <p>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</p> <p>Year 5</p> <p>Term A</p> <p>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**</p> <p>Term B</p> <p>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</p>	<p>NOTES:</p> <p>**1.5 HBA required courses:</p> <ul style="list-style-type: none"> • 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
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------