

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

September 2019 (for students who entered HBA in 2017 or later)

<p>Year 2</p> <p>Term A</p> <p>AM 2270A Applied Mathematics for Engineering II</p> <p>CS 1037A Computer Science Fundamentals II</p> <p>ECE 2205A Electric Circuits I</p> <p>ECE 2277A Digital Logic Systems</p> <p>Math 2151A Discrete Structures for Engineering</p> <p>SE 2203A Software Design</p> <p>BUS 2257 Accounting and Business Analysis</p> <p>Term B</p> <p>AM 2276B Applied Mathematics for Elec. & Mech. Engineering III</p> <p>ECE 3375B Microprocessors and Microcomputers</p> <p>ECE 3380B Advanced Digital Systems</p> <p>MSE 2233B Circuits and Systems</p> <p>SE 2205B Algorithms and Data Structures for Object-Oriented Design</p> <p>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</p> <p>ECE 4436A Networking: Principles, Protocols & Architecture</p> <p>SE 3313A Operating Systems for Software Engineering</p> <p>SE 3316A Web Technologies</p> <p>SE 3352A Software Requirements and Analysis</p> <p>BUS 4569 Ivey Field Project</p> <p>Term B</p> <p>ECE 3331B Introduction to Signal Processing</p> <p>ECE 3390B Hardware/Software Co-Design</p> <p>ECE 4460B Real-Time and Embedded Systems</p> <p>SE 3314B Design and Implementation of Computer Networks</p> <p>SE 3353B Human-Computer Interface Design</p> <p>SS 2143B Applied Statistics and Data Analysis for Engineers</p> <p>BUS 4569 Ivey Field Project</p> <p>Year 5</p> <p>Term A</p> <p>ECE 4415 Computer Engineering Design Project</p> <p>ECE 3330A Control Systems</p> <p>ECE 4437A Communications Theory</p> <p>SE 4452A Software Verification and Validation</p> <p>1.5 HBA required courses**</p> <p>Term B</p> <p>ECE 4415 Computer Engineering Design Project</p> <p>ES 4498G Engineering Ethics, Sustainable Development & the Law</p> <p>SE 4455B Cloud Computing</p> <p>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: 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. • Managerial Accounting Requirement: Business 4624A/B
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