

Software Engineering and Business (Option B)

September 2024 (for students who started first year in 2021 or later)

<p><u>Year 2:</u></p> <p>Term A</p> <p>NMM 2270a Applied Mathematics for Engineering II (Formerly AM 2270a) ECE 2277a Digital Logic Systems SE 2202a Scripting Programming Language Fundamentals SE 2205a Algorithms and Data Structures Math 2151a Discrete Structures for Engineering SS 2141a Applied Probability and Statistics Bus 2257 Accounting & Business Analysis</p> <p>Term B</p> <p>NMM 2276b Applied Mathematics for Elec & Mech Eng III SE 2203b Software Design SE 2250b Software Construction Bus 2257 Accounting & Business Analysis One 0.5 Non-technical elective course from the approved list</p> <p><u>Year 3: HBA 1</u></p> <p><u>Year 4:</u></p> <p>Term A</p> <p>ECE 4436a Networking: Principles, Protocols, and Architecture SE 3309a Database Management Systems SE 3316a Web Technologies SE 3351b Software Project and Process Management SE 3352a Software Requirements & Analysis SE 3310a Theoretical Foundations of Software Engineering Bus 4569 Ivey Field Project</p> <p>Term B</p> <p>ECE 3375b Microprocessors and Microcomputers Physics2300 Quantum Computation and Information SE 3313a Operating Systems for Software Engineering SE 3314b Computer Networks Applications SE 3350b Software Engineering Design I SE 3353b Human-Computer Interaction</p> <p><u>Year 5:</u></p> <p>Term A</p> <p>SE 4450 Software Engineering Design II SE 4452a Software Testing and Maintenance SE 4472a Information Security 1.5 HBA required courses **</p> <p>Term B</p> <p>SE 4450 Software Engineering Design II SE 4455b Cloud computing: concepts, technologies and applications ELI 4110g Engineering Ethics, Sustainable Development and the Law 1.5 Business electives chosen from 4000 level Business courses.</p>	<p>NOTES:</p> <p>Important: Students are responsible for ensuring they have the correct courses required for their degree. If you are unsure which courses you still need or if you see courses listed on the progression sheet that are no longer offered or are not offered in the term you see listed here, please contact your Academic Counsellor. For HBA related questions, please contact the Richard Ivey School of Business. For Engineering related questions, please contact your Academic Counsellor in Engineering.</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 course from Business Administration – Corporations and Society offered during the academic year to satisfy this requirement. • Managerial Accounting Requirement: Business 4624a/b
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