Western Engineering

Software Engineering and Business (Option B)

September 2019 *(for students who entered HBA in September 2016 or earlier)*

Year 2:

Term A

AM 2270a	Applied Mathematics for Engineering II
ECE 2277a	Digital Logic Systems
SE 2203a	Software Design
Math 2151a	Discrete Structures for Engineering
CS 1037a	Computer Science Fundamentals II
SS 2141a	Applied Probability and Statistics
Bus 2257	Accounting & Business Analysis

Term B

AM 2276b	Applied Mathematics for Elec & Mech Eng III
ECE 2238b	Introduction to Electrical Engineering
SE 2205b	Algorithms and Data Structures
SE 2250b	Software Construction
Bus 2257	Accounting & Business Analysis

One 0.5 Non-technical elective course from the approved list

Year 3: HBA 1

Year 4:

Term A

ECE 4436a	Networking: Principles, Protocols, and Architecture
SE 3309a	Database Management Systems
SE 3313a	Operating Systems for Software Engineering
SE 3316a	Web Technologies
SE 3352a	Software Requirements & Analysis
Bus 4569	Ivey Field Project

Term B

ECE 3375b	Microprocessors and Microcomputers
SE 3310b	Theoretical Foundations of Software Engineering
SE 3314b	Computer Networks Applications
SE 3350b	Software Engineering Design I
SE 3351b	Software Project and Process Management
SE 3353b	Human-Computer Interaction

Year 5:

Term A

SE 4450	Software Engineering Design II
SE 4452a	Software Testing and Maintenance
SE 4472a	Information Security
Bus 4505a	Global Macroeconomics for Managers

Bus 4521a/b or 4522a/b or 4532a/b

0.5 Business electives chosen from 4000 level Business courses.

Term B

SE 4450	Software Engineering Design II
SE 4455b	Cloud computing: concepts, technologies and applications
ES 4498G	Engineering Ethics, Sustainable Development and the Law

1.5 Business electives chosen from 4000 level Business courses.

NOTES:

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.