### Year 2:
#### Term A
- 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

#### Term B
- 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

### Year 3: HBA 1

### Year 4:
#### Term A
- 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

#### Term B
- ECE 3375b  Microprocessors and Microcomputers
- Physics 2300  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

### Year 5:
#### Term A
- SE 4450  Software Engineering Design II
- SE 4452a  Software Testing and Maintenance
- SE 4472a  Information Security

1.5 HBA required courses **

#### Term B
- 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.

### 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.

**1.5 HBA required courses:**
- 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