# Software Engineering and Business (Option B)

### September 2018 (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 3037a  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
- 1.5 HBA required 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 HBA required courses:**
- International Perspective Requirement: Business 4505a/b
- Corporations and Society Requirement: at least 0.5 course 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

### 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.

---

*The official version of the academic calendar can be found at: www.westerncalendar.uwo.ca*