

## Civil Engineering and Business (Option C)

September 2018 (for students who entered HBA in September 2017 or later)

### Year 2:

#### Term A

AM 2270a	Applied Math for Engineering II
CEE 2224	Engineering Fluid Mechanics
CEE 2202a	Mechanics of Materials
CEE 2217a	Introduction to Environmental Engineering
CEE 2220a	Introduction to Structural Engineering
Bus 2257	Accounting & Business Analysis

#### Term B

AM 2277b	Applied Math for Civil and Chemical Engineering II
CEE 2224	Engineering Fluid Mechanics
CEE 2219b	Computation Tools for Civil Engineers
CEE 2221b	Structural Theory and Design
Earth Sc. 2281b	Geology for Engineers
Bus 2257	Accounting & Business Analysis

### Year 3: HBA 1

### Year 4:

#### Term A

CEE 3321a	Soil Mechanics and Hydrogeologic Engineering
CEE 3340a	Analysis of Indeterminate Structures
CEE 3344a	Structural Dynamics I
CEE 3347a	Reinforced Concrete Design
CEE 3348a	Project Management and Engineering Cases
Bus 4569	Ivey Field Project

#### Term B

CEE 3322b	Introduction to Geotechnical Engineering
CEE 3343b	Finite Element Methods and Analysis of Buildings under Lateral Loads
CEE 3346b	Steel Design
CEE 3369b	Materials for Civil Engineering
SS 2143b	Applied Statistics and Data Analysis for Engineers
Bus 4569	Ivey Field Project

**Note: CEE 3324a (Surveying).** This course is available each summer (15 days) and must be completed before a student may graduate from the Civil Engineering program.

### Year 5:

#### Term A

CEE 4441	Civil Engineering Design Project
CEE 4426a	Geotechnical Engineering Design
CEE 4465a	Environmental Design for Waste Disposal
1.5 HBA required courses**	

#### Term B

CEE 4441	Civil Engineering Design Project
CEE 4476b	Environmental Hydraulics Design
ES 4498G	Engineering Ethics, Sustainable Development and the Law
1.5 Business electives chosen from 4000 level Business courses.	

### NOTES:

**In Year 4 students must take Statistical Sciences 2143a/b instead of Statistical Sciences 2141a/b.**

### **\*\*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.