## 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.*

#### **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

### 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.

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**NOTES:**

In Year 4 students must take Statistical Sciences 2143a/b instead of Statistical Sciences 2141a/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 Counselor. For HBA related questions, please contact the Richard Ivey School of Business. For Engineering related questions, please contact your Academic Counselor in Engineering.