

Civil Engineering and Business (Option C)

September 2025 (for students who entered HBA in September 2018 or later)

<p>Year 2:</p> <p>Term A</p> <table> <tr> <td>NMM 2270a</td> <td>Applied Math for Engineering II (Formerly AM 2270A)</td> </tr> <tr> <td>CEE 2224</td> <td>Engineering Fluid Mechanics</td> </tr> <tr> <td>CEE 2202a</td> <td>Mechanics of Materials</td> </tr> <tr> <td>CEE 2217a</td> <td>Introduction to Environmental Engineering</td> </tr> <tr> <td>CEE 2220a</td> <td>Introduction to Structural Engineering</td> </tr> <tr> <td>Bus 2257</td> <td>Accounting & Business Analysis</td> </tr> </table> <p>Term B</p> <table> <tr> <td>NMM 2277b</td> <td>Applied Math for Civil and Chemical Engineering II (Formerly AM 2277B)</td> </tr> <tr> <td>CEE 2224</td> <td>Engineering Fluid Mechanics</td> </tr> <tr> <td>CEE 2219b</td> <td>Computation Tools for Civil Engineers</td> </tr> <tr> <td>CEE 2221b</td> <td>Structural Theory and Design</td> </tr> <tr> <td>Earth Sc. 2281b</td> <td>Geology for Engineers</td> </tr> <tr> <td>Bus 2257</td> <td>Accounting & Business Analysis</td> </tr> </table> <p>Year 3: HBA 1</p> <p>Year 4:</p> <p>Term A</p> <table> <tr> <td>CEE 3321a</td> <td>Soil Mechanics and Hydrogeologic Engineering</td> </tr> <tr> <td>CEE 3340a</td> <td>Analysis of Indeterminate Structures</td> </tr> <tr> <td>CEE 3369a</td> <td>Materials for Civil Engineering</td> </tr> <tr> <td>CEE 3347a</td> <td>Reinforced Concrete Design</td> </tr> <tr> <td>CEE 3348a</td> <td>Project Management and Engineering Cases</td> </tr> <tr> <td>Bus 4569</td> <td>Ivey Field Project</td> </tr> </table> <p>Term B</p> <table> <tr> <td>CEE 3322b</td> <td>Introduction to Geotechnical Engineering</td> </tr> <tr> <td>CEE 3343b</td> <td>Finite Element Methods and Analysis of Buildings under Lateral Loads</td> </tr> <tr> <td>CEE 3346b</td> <td>Steel Design</td> </tr> <tr> <td>CEE 3344b</td> <td>Structural Dynamics I</td> </tr> <tr> <td>SS 2143b</td> <td>Applied Statistics and Data Analysis for Engineers</td> </tr> <tr> <td>Bus 4569</td> <td>Ivey Field Project</td> </tr> </table> <p>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.</p> <p>Year 5:</p> <p>Term A</p> <table> <tr> <td>CEE 4441</td> <td>Civil Engineering Design Project</td> </tr> <tr> <td>CEE 4426a</td> <td>Geotechnical Engineering Design</td> </tr> <tr> <td>CEE 4465a</td> <td>Environmental Design for Waste Disposal</td> </tr> <tr> <td colspan="2">1.5 HBA required courses**</td> </tr> </table> <p>Term B</p> <table> <tr> <td>CEE 4441</td> <td>Civil Engineering Design Project</td> </tr> <tr> <td>CEE 4424b</td> <td>Earth Structures Engineering</td> </tr> <tr> <td>ELI 4110g</td> <td>Engineering Ethics, Sustainable Development and the Law</td> </tr> <tr> <td colspan="2">1.5 Business electives chosen from 4000 level Business courses.</td> </tr> </table>	NMM 2270a	Applied Math for Engineering II (Formerly AM 2270A)	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	NMM 2277b	Applied Math for Civil and Chemical Engineering II (Formerly AM 2277B)	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	CEE 3321a	Soil Mechanics and Hydrogeologic Engineering	CEE 3340a	Analysis of Indeterminate Structures	CEE 3369a	Materials for Civil Engineering	CEE 3347a	Reinforced Concrete Design	CEE 3348a	Project Management and Engineering Cases	Bus 4569	Ivey Field Project	CEE 3322b	Introduction to Geotechnical Engineering	CEE 3343b	Finite Element Methods and Analysis of Buildings under Lateral Loads	CEE 3346b	Steel Design	CEE 3344b	Structural Dynamics I	SS 2143b	Applied Statistics and Data Analysis for Engineers	Bus 4569	Ivey Field Project	CEE 4441	Civil Engineering Design Project	CEE 4426a	Geotechnical Engineering Design	CEE 4465a	Environmental Design for Waste Disposal	1.5 HBA required courses**		CEE 4441	Civil Engineering Design Project	CEE 4424b	Earth Structures Engineering	ELI 4110g	Engineering Ethics, Sustainable Development and the Law	1.5 Business electives chosen from 4000 level Business courses.		<p>NOTES:</p> <p>In Year 4 students must take Statistical Sciences 2143a/b instead of Statistical Sciences 2141a/b.</p> <p>**1.5 HBA required courses:</p> <ul style="list-style-type: none"> 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 <p>Important:</p> <p>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.</p>
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