

## **Math Substitution Options for the B.Econ Programs**

| Options                          | Math Courses  | Course Requirements and Restrictions   | Minimum Mark<br>Requirement |  |
|----------------------------------|---|--|-----------------------------|--|
|                                  |   |  | HONS.                       | GEN.                                   |
| Preferred Option<br>#1 ECON/MATH | MATH 1401 - Math for Economics I [0.5] MATH 1402 - Math for Economics II [0.5]  | Must be taken as a pair and in sequence i.e. MATH 1401 is a prerequisite for MATH 1402.  | C-                          | C-                                     |
| Substitution Option #2           | MATH 1007 - Elementary Calculus I [0.5]   | This substitution is strongly recommended for students with high-school mathematics backgrounds—e.g., Ontario Grade 12 U Advanced Functions with a grade of 80% or higher.   | C-                          | C- in one<br>and<br>D- in the<br>other |
|                                  | <b>MATH 1107</b> - Linear Algebra I [0.5]   | This substitution is strongly recommended for students with high-school mathematics backgrounds—e.g., Ontario Grade 12 U Advanced Functions with a grade of 80% or higher.   | C-                          |  |
| Substitution<br>Option #3        | *MATH 1009 - Calculus: with Applications to Business [0.5] *taken prior to Fall 2021.                                 | *MATH 1009 <u>completed prior to Fall 2021 only</u> and cannot be used for the B.Econ concentration in Mathematics & Quantitative Economics.   | C-                          | C- in one<br>and<br>D- in the<br>other |
|                                  | <b>MATH 1107</b> - Linear Algebra I [0.5]   | This substitution is strongly recommended for students with high-school mathematics backgrounds—e.g., Ontario Grade 12 U Advanced Functions with a grade of 80% or higher.   | C-                          |  |
| Substitution<br>Option #4        | MATH 1004 - Calculus for Engineering or Physics [0.5]   | Acceptable for the B.Econ concentration in Mathematics & Quantitative Economics otherwise restricted to students in the Faculty of Engineering & Physics.  | C-                          | C- in one<br>and<br>D- in the<br>other |
|                                  | MATH 1104 - Linear Algebra for Engineering or Science [0.5]   | Acceptable for the B.Econ concentration in Mathematics & Quantitative Economics otherwise restricted to students in the Faculty of Engineering & Physics.  | C-                          |  |
| Substitution<br>Option #5        | MATH 1052 (formerly 1002) -<br>Calculus and Introductory Analysis I [0.5]   | Required for the B.Econ concentration in Mathematics & Quantitative Economics.   | C-                          | C- in one<br>and<br>D- in the<br>other |
|                                  | <b>MATH 1152</b> (formerly 1102) - Algebra I [0.5]  | Required for the B.Econ concentration in Mathematics & Quantitative Economics.   | C-                          |  |
| Substitution<br>Option #6        | BIT 1000 - Mathematics I for NET [0.5]<br>or BIT 1100 - Mathematics I for IMD [0.5]<br>or BIT 1200 - Calculus [0.5]   | Tailored for students in the Network Technology B.I.T. program.  Tailored for students in the Interactive Multimedia Design B.I.T program.  Restricted to students in the B.I.T. degree program (Optical Systems and Sensors). | C-                          | C- in one<br>and<br>D- in the<br>other |
|                                  | BIT 1001 - Mathematics II for NET [0.5] or BIT 1101 - Mathematics II for IMD [0.5] or BIT 1201 - Linear Algebra [0.5] | Tailored for students in the Network Technology program. Tailored for students in the Interactive Multimedia Design program. Restricted to students in the B.I.T. program (Optical Systems and Sensors).                       | C-                          | C- in one<br>and<br>D- in the<br>other |