MATH/ECON 1401 + 1402

YES

MATH/ECON 1401

NO

MATH/ECON 1402

MATH/ECON 1401

= MATH 1009, or 1007, or 1002 or 1004

+ MATH 1119 or 1107, or 1102 or 1104

MATH 1009, 1007, 1004, 1002, 1107, 1119, 1104, or 1102
## Math Substitution Options for the B.Econ Programs

<table>
<thead>
<tr>
<th>Options</th>
<th>Math Courses</th>
<th>Course Requirements and Restrictions</th>
<th>Minimum Mark Requirement</th>
</tr>
</thead>
</table>
| Preferred Option #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-  
D- |
| Substitution Option #2   | MATH 1007 - Elementary Calculus I [0.5]  
MATH 1107 - 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.  
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  
d- in the other |
| Substitution Option #3   | MATH 1009 - Calculus: with Applications to Business [0.5]  
MATH 1107 - Linear Algebra I [0.5] | MATH 1009 is not an accepted first year calculus course for the B.Econ concentration in Mathematics & Quantitative Economics.  
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  
d- in the other |
| Substitution Option #4   | MATH 1004 - Calculus for Engineering or Physics [0.5]  
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.  
Acceptable for the B.Econ concentration in Mathematics & Quantitative Economics otherwise restricted to students in the Faculty of Engineering & Physics. | C-  
C-  
in one  
d- in the other |
| Substitution Option #5   | MATH 1052 (formerly 1002) - Calculus and Introductory Analysis I [0.5]  
MATH 1152 (formerly 1102) - Algebra I [0.5] | Required for the B.Econ concentration in Mathematics & Quantitative Economics.  
Required for the B.Econ concentration in Mathematics & Quantitative Economics. | C-  
C-  
in one  
d- in the other |
| Substitution Option #6   | BIT 1000 - Mathematics I for NET [0.5]  
BIT 1100 - Mathematics I for IMD [0.5]  
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  
d- in the other |
|                         | BIT 1001 - Mathematics II for NET [0.5]  
BIT 1101 - Mathematics II for IMD [0.5]  
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  
d- in the other |