



**PROGRAMS AND MATH REQUIREMENTS  
SCHOOL OF UNIVERSITY ARTS & SCIENCES**

<b>Program Name</b>	<b>Selkirk College Minimum Requirements</b>	<b>Selkirk College Recommended Requirements</b>	<b>Industry Training Authority (ITA) Requirements</b>	<b>Selkirk College Math Requirement (as of September 2013)</b>
Associate of Arts-Chinese Medicine	Principles of Math 11 with a grade of "C" or better	Principles of Math 12 or Math 51 recommended	N/A	Pre-Calculus 11 or Foundations 11 or Math 50 with a grade of "C" or better
Associate of Arts-Elementary Education	Principles of Math 11 with a grade of "C" or better	N/A	N/A	Minimum of Foundations 11 or Pre-Calculus 11 with a grade of "C" or better
Associate of Arts-English	Not listed	N/A	N/A	Dependent on courses chosen for degree
Associate of Arts-General	Dependent on courses chosen for degree	N/A	N/A	Dependent on courses chosen for degree
Associate of Arts-History	Not listed	N/A	N/A	Dependent on courses chosen for degree
Associate of Arts-Peace Studies	Principles of Math 11 with a grade of "C" or better	N/A	N/A	Foundations 11 or Pre-Calculus 11 with a grade of "B" or better
Associate of Arts-Psychology	Not listed	N/A	N/A	Dependent on courses chosen for the degree
Associate of Arts-Writing Studies	Not listed	N/A	N/A	Dependent on courses chosen for the degree
Associate of Science-Biochemistry	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "C+" or better
Associate of Science-Biology	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "C+" or better
Associate of Science-General	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "C+" or better

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Engineering - Two Year Applied Science Program	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "B" or better
Engineering - One Year Applied Science Bridging Program	Principles of Math 12 with a grade of "A" or better	N/A	N/A	Pre-Calculus 12 with a grade of "A" or better
Liberal Arts Diploma-Peace Studies	Not listed	N/A	N/A	Dependent on courses chosen for diploma
Liberal Arts Diploma-Writing Studies	Not listed	N/A	N/A	Dependent on courses chosen for the diploma
Chemistry 50	Math 49; Math 50 should be taken concurrently	N/A	N/A	Math 49 or equivalent; Math 50 should be taken concurrently
Chemistry 110	Principles of Math 11 or Math 50 with a grade of "C" or better	Principles 12 or Math 51 recommended	N/A	Pre-Calculus 11 or Math 50 with a grade of "C" or better; Pre-Calculus 12 or Math 51 or Math 60 recommended
Chemistry 122	Principles of Math 11 or Math 50 with a grade of "C" or better	Principles 12 or Math 51 recommended	N/A	Pre-Calculus 11 or Math 50 with a grade of "C" or better; Pre-Calculus 12 or Math 51 or Math 60 recommended
Computer Science 100	Math 12 or Math 51 or Math 130 with a grade of "C" or better	N/A	N/A	Pre-Calculus 12 or Foundations 12 or Math 51 or Math 60 with a grade of "C" or better
Geography 130	Principles of Math 11 with a grade of "C" or better	N/A	N/A	Pre-Calculus 11 or Foundations 11 with a grade of "C" or better
Mathematics 100	Principles of Math 12 with grade of "C+" or better	N/A	N/A	Pre-Calculus 12 or Math 51 or Math 60 with a grade of "C+" or better
Mathematics 112	Principles of Math 12	N/A	N/A	Pre-Calculus 12
Mathematics 180	Math 11 with a grade of "C" or	N/A	N/A	Pre-Calculus 11 or

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	better			Foundations 11 with a grade of "C" or better
Mathematics 181	Math 11 with a grade of "B" or better; Math 12 with a grade of "C" or better	N/A	N/A	Pre-Calculus 11 or Foundations 11 with a grade of "B" or better; Pre-Calculus 12 or Foundations 12 with a grade of "C" or better
Mathematics 140	Principles of Math 12 or Math 51 with a grade of "C" or better	N/A	N/A	Pre-Calculus 12 or Math 51 or Math 60 with a grade of "C+" or better;
Mathematics 50	Math 49	N/A	N/A	Math 49 or equivalent
Mathematics 51	Math 11 or Math 50 with a grade of "C" or better	N/A	N/A	Pre-Calculus 11 or Math 50 with a grade of "C" or better; Foundations 11 with written permission of the instructor and School Chair
Physics 50	Math 50 or equivalent	N/A	N/A	Math 50 or equivalent; Math 50 may be taken concurrently with Physics 50
Physics 102	Principles of Math 12 or Math 51 with a grade of "C" or better	N/A	N/A	Pre-Calculus 12 or Math 51 or Math 60 with a grade of "C" or better
Statistics 105	Principles or Applications 11 with a grade of "C+" or better	N/A	N/A	Foundations 11 or Pre-Calculus 11 with a grade of "C+" or better