
Academic Advising

MATH COURSES FOR NON-SCIENCE STUDENTS

What math courses do I take if I'm in Commerce?

All Commerce students take Calculus I (201-103), Calculus II (201-203), and Linear Algebra (201-105).

What is *Introduction to College Mathematics* (912-015)?

Commerce students who obtained a grade of less than 70% in their Secondary V Math course are strongly urged to take *Intro to College Mathematics*. This course is offered only in the fall term and provides excellent preparation for taking Calculus I in the winter term.

What math courses do I need for business programs in university?

Different universities have different math pre-requisites for their business programs, so see an Academic Advisor if you are having difficulty deciphering the requirements for any particular university. The business program at Concordia (the John Molson School of Business) requires Calculus I and Linear Algebra. McGill and HEC both require Calculus I, Calculus II, and Linear Algebra.

Can I take math courses if I'm not in Commerce?

If you are in Social Science, Liberal Arts, or C.A.L.L., you may be able to take math courses as part of your program. Speak to an Academic Advisor to determine whether you have the appropriate high school pre-requisite courses and whether you can take one or more math courses in your program.

What are the pre-requisite courses for Calculus and where can I take them?

The pre-requisites for Calculus are Secondary IV *and* Secondary V Math in the “technico-sciences” or “sciences de la nature” stream. High school math courses taken in the “culture, société et technologie” stream do not provide the appropriate pre-requisite knowledge to begin Calculus I. The equivalent Secondary V pre-requisite course (201-015) is offered at Marianopolis in the fall semester only. If you are also missing the Secondary IV pre-requisite, see an Academic Advisor for permission to take the equivalent course at another college.

Do I need to take Statistics to study psychology in university?

No. If you do take *Human Biology* and *Statistics* in college, depending on your grade and the university you attend, you may not be required to take them in university. However, if you do not take these courses in college, you will simply take them in your first year of university studies in psychology. They will count as two regular courses and will not extend the length of your bachelor's degree.