

Mathematics Minor

Faculty of Science and Horticulture	kpu.ca/science
Mathematics	kpu.ca/mathematics
Program Type	Undergraduate
Credential Granted	Baccalaureate Degree
Offered At	Richmond Surrey
Start Date(s)	September January
Intake Type	Open intake
Format	Full-time Part-time
Instructional Cycle	Semester-based
Curriculum Effective Date	01-Sep-2017
How to Apply	www.kpu.ca/admission

DESCRIPTION

The study of mathematics requires a high degree of technical skill in specific areas, but, often more importantly, also demonstrates a well developed sense of logical reasoning which can be applied to many different areas. The Minor in Mathematics allows a student the option of completing a Bachelor's degree in another subject area and still demonstrating the depth of their abstract reasoning and numerical skills by adding on a designation in mathematics. This will be helpful for any students who are planning professional careers for which a sound foundation in formal or mathematical reasoning is required as well as for students with a specific interest in mathematics.

The Minor in Mathematics, used as part of the Double Minor: Bachelor of Arts degree with a second teachable minor, is well suited for students who plan to enter a post-baccalaureate education program, with mathematics as one of their teachable subjects.

Teaching has consistently been a frequent career choice for post-secondary students, which requires education in teachable subjects before proceeding into a professional program of teacher training. The Minor in Mathematics, when paired with minors in English or History, will provide the necessary background for admission to a School of Education and an excellent path to the attainment of students' career goals. As well, the Minor in Mathematics can form part of a bachelor's degree leading students into other professions such as business, law or technical writing.

This minor may be applied towards any KPU bachelor's degree.

ADMISSION REQUIREMENTS

Students pursuing a Minor in Mathematics must be admitted to KPU for undergraduate studies.

DECLARATION REQUIREMENTS

Students pursuing this minor must declare their intention prior to graduation. A minor may only be declared as part of a bachelor's degree.

CURRICULAR REQUIREMENTS

Students are required to complete 30 credits of mathematics courses, as follows:

One of*:

MATH 1120	Differential Calculus	3 credits
MATH 1130	Calculus for Life Sciences I	3 credits
MATH 1140	Calculus I (Business Applications)	3 credits

One of*:

MATH 1220	Integral Calculus	3 credits
MATH 1230	Calculus for Life Sciences II	3 credits

One of*:

MATH 2315	Probability and Statistics	3 credits
MATH 2335	Statistics for Life Sciences	3 credits
MATH 2341	Introduction to Statistics for Business	3 credits

All of:

MATH 2232	Linear Algebra	3 credits
MATH 2321	Multivariate Calculus (Calculus III)	3 credits

15 credits from courses in MATH at the 3000 level or higher

* Credit will not be granted for more than one of the courses in each group.

Note: Students planning to enter an Education program at another institution are advised to check the requirements of that institution, as additional credits may be required.

CREDENTIAL AWARDED

Upon successful completion of the minor as part of a bachelor's degree program, transcripts will indicate a **Minor in Mathematics**.