Mathematics Requirements

Mathematics in the admission average calculation

High school (secondary-level) mathematics is a required course in the five-subject admission average calculation formula, which is used to consider students for admission and for USask scholarships.

An admission average is calculated following this formula for all students, regardless of the program to which they may have applied. We will automatically use the acceptable subjects that work to the student’s best advantage and while English (or an acceptable first-language Literature and Composition course) and Mathematics are required for all average calculations, the other three subjects used may vary and may not necessarily include the prerequisite subjects required for admission to a certain program.

A five-subject average is calculated using the following subjects:

1. Mathematics¹
2. English
3. Other acceptable Grade 12 (senior-level) subjects from the following:
   - Maximum of TWO natural sciences
   - Maximum of TWO social sciences or humanities
   - Maximum of ONE fine or performing art

¹. In Saskatchewan Foundations of Mathematics 30 or Pre-Calculus 30 or Calculus 30 could be used in the average calculation. Workplace and Apprenticeship Mathematics 30 is not acceptable.
². Please see the Province-specific courses acceptable for an admission average calculation table in this guide for a list of acceptable subjects.
³. Foundations of Mathematics 30 or Pre-Calculus 30 or equivalents.

Mathematics as a pre-requisite for admission

Edwards School of Business, Engineering and Kinesiology require mathematics as a pre-requisite; a deficiency is not permitted. While Engineering requires specific mathematics prerequisites², students can be admitted to Kinesiology or Edwards School of Business with one of a choice of acceptable senior secondary-level mathematics course options³.

MATHEMATICS DEFICIENCIES
The College of Agriculture and Bioresources, the College of Arts and Science, and the College of Education will permit students to be admitted with a deficiency in mathematics. If the student has not taken an acceptable mathematics course, a grade of 50% will be used in the admission average calculation. If, following this substitution, the student’s admission average is sufficient to meet the minimum admission average requirement of these colleges, students may be offered admission but should consult an academic advisor in the college to plan how to clear the deficiency and to determine how the deficiency could impact course selection.

MATHEMATICS AS A PRE-REQUISITE FOR USASK DEGREE REQUIREMENTS

Regardless of which mathematics course is taken in high school, there are courses at the U of S that students can take to clear mathematics deficiencies or to meet mathematics requirements for specific programs.

The following chart illustrates students’ options regarding mathematics:

HIGHSCHOOL STUDENT

Interested in Bachelor of Arts Degree (B.A.)

Interested in Bachelor of Science Degree (B.Sc.)

Foundations of Mathematics 30 (or equivalent) is recommended

Pre-Calculus Mathematics 30 is recommended

Pursues Bachelor of Arts

Decides to pursue a Bachelor of Science (B.Sc.)

Decides to continue with Bachelor of Science (B.Sc.) or decides to switch to Bachelor of Arts (B.A.)

Takes Math 102.3 or Math 104.3 as part of their B.Sc. degree requirements

Pre-calculus mathematics meets the requirements for either option