

How does Mathematics of Data Management compare with OAC Finite Mathematics?

1 ***Some similarities*** to OAC Finite Mathematics in the strands of Probability and Statistics

2 ***Less of an algebraic emphasis***

- Some of the content of OAC Finite Mathematics is no longer part of the Mathematics of Data Management course, such as finite series
- Some of the content of OAC Finite Mathematics is now part of the new Geometry and Discrete Mathematics course, such as the more difficult work with permutations and combinations

3 ***The course includes new expectations***

- The collection of data from primary and secondary sources
 - The organization of data, using tools such as databases, matrices, and diagrams
 - The analysis of data using technology (e.g., graphing calculators, spreadsheets, and statistical software)
- A dedicated curriculum strand that requires students to complete, present, and critique a culminating project that integrates the expectations of the course

What about the students?

Most students will be coming from the Grade 11 Functions, U/C course.

Students will have had less experience developing their algebraic skills than students previously entering OAC Finite Mathematics.

Most students will have had a richer experience in mathematical modelling gained from grades 9, 10, and 11, than students previously entering OAC Finite Mathematics.

Most students will have some familiarity with hand held technology, such as graphing calculators.

Students may have some experience with culminating projects from other courses, but not likely in math.