

Growing Minds
Mathematics Department
Course Outline
Mathematics of Data Management 12
(MDM4U)

This course is based on the following Ministry of Education documents:
The Ontario Curriculum Grades 11 and 12, Mathematics, 2000.

Course Name: Mathematics of Data Management, Grade 12,
University Preparation

Course Type: University Preparation

Course Code: MDM4U

Credit Value: One credit

Hours: 110 hours

Prerequisite: Functions and Relations, Grade 11, University Preparation, or
Functions, Grade 11, University/College Preparation

Course Description (As specified in the Ministry of Education Policy Document)

This course broadens students' understanding of mathematics as it relates to managing information and focuses on a culminating project throughout the course. Students will apply methods for organizing and analysing large amounts of information; apply counting techniques, probability, and statistics in modelling and solving problems; and carry out a culminating project that integrates the expectations of the course and encourages perseverance and independence. Students planning to pursue university programs in business, social sciences, or the humanities will find this course of particular interest.