

# MAT2058 : Statistics

Statistics provides students with lecture and extensive practice in the concepts of descriptive and inferential statistics. The course emphasizes practical calculation and application. It begins with sample statistics and population parameters, proceeds to measures of central tendency, dispersion, and position, introduces the least-squares best-fit line and several key probability distributions, and concludes with the sampling distribution of sampling means, and hypothesis testing. MyStatLab or a comparable resource may be required in the course.

**Credits** 4.0

**Prerequisites**

Either [MAT1005](#), or [MAT1001](#) and [MAT1500](#)

**Corequisites**

None