

3.4.3.5 Minor in Financial Mathematics

Host Department: Mathematics

The minor in Financial Mathematics allows non-mathematics majors to obtain a basic understanding of how modern mathematics is being applied in finance, banking and insurance.

To be awarded a minor in Financial Mathematics, a student must pass at least 24 MCs from non-overlapping modules of the following:

1. Pass at least 8 MCs from the following modules:
 - a. MA1xxx, except MA1301/MA1301X;
 - b. CS1231/CS1231S; and
2. Pass MA2216/ST2131 or ST2334; and
3. Pass MA3269 and (QF3101 or FIN3101 [for BIZ students] or FIN3102/FIN3702* [for BIZ students]); and ST3131.

The titles of the above modules are as listed below:

CS1231/CS1231S Discrete Structures

MA2216/ST2131 Probability

MA3269 Mathematical Finance I

QF3101 Investment Instruments: Theory and Computation

FIN3101 Corporate Finance

FIN3102/FIN3702* Investment Analysis and Portfolio Management

ST2334 Probability and Statistics

ST3131 Regression Analysis

*School of Business has amended the module code of FIN3102 to FIN3702 for cohort AY2017 and after.

This minor is not awarded with the primary major in Applied Mathematics, Statistics, Quantitative Finance, Mathematics, Data Science and Analytics, and second major in Mathematics, Data Analytics.

Students in Cohorts AY2019/20 and later reading major in Statistics are not allowed to read minor in Financial Mathematics.