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 MC’s from non-overlapping modules of the following type:

1. Pass at least 8 MCs from MA1xxx, except MA1301/MA1301X; and
2. Pass MA2216/ST2131 or ST2334; and
3. Pass MA3269 and (QF3101 or FIN3102 [for BIZ students] or FIN3702 [for BIZ students]); and
   ST3131

The titles of the above modules are as listed below:

MA2216/ST2131  Probability
MA3269  Mathematical Finance I
QF3101  Investment Instruments: Theory and Computation
FIN3102  Investment Analysis and Portfolio Management
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, Quantitative Finance, Mathematics, Data Science and Analytics, and second major in Mathematics, Data Analytics.