



MBA/MS MATHEMATICS IN FINANCE: Typical Course Sequencing

The dual MBA/MS degree is a partnership between [NYU's Stern School of Business](#) and [Courant Institute of Mathematical Sciences](#), both highly regarded in their fields. This full-time dual degree program will combine the breadth of the MBA with the quantitative skills developed by the [Mathematics in Finance MS](#). Designed to be the most comprehensive program of its kind, using the top faculty and resources of each school, it will provide a new type of graduate for prospective employers. The mix of financial and quantitative skills provided by this program will make its graduates strong candidates for positions such as in quantitative risk and portfolio management, and the design, pricing, trading, and hedging of structured products. Accordingly, the employer demand for graduates of the MBA/MS is expected to be strong.

Fall – year 1 (15 credits)	Spring – year 1 (15 credits)
Accounting (Stern core - required)	Stern core – menu selection 3
Stern core – menu selection 1	Stern core – menu selection 4
Stern core – menu selection 2	Stern core – menu selection 5
Math Finance – Stochastic Calculus	Math Finance – Scientific Computing
Math Finance – Computing in Finance	Math Finance – Derivative Securities
Fall – year 2 (15 credits)	Spring – year 2 (15 credits)
Stern Prof Resp. (1.5 credits) + Stern elective (1.5 credits)	Stern elective
Stern elective	Stern elective
Stern elective	Stern elective
Math Finance – Cont Time Finance	Math Finance– Comp Methods for Finance
Math Finance – intermediate elective	Math Finance – intermediate elective
Fall – year 3 (6 credits)	Spring – year 3 (6 credits)
Math Finance MS – advanced elective	Math Finance MS – project
Math Finance MS – advanced elective	Math Finance MS – advanced elective

Year 1 does not include the required MBA Statistics course because dual degree students are expected to place out of it.

Total credits required to complete both degrees is 72 (some classes are cross-listed).