

For Further Information Contact:



Department of Finance
221 Weller Hall
134 Hofstra University
Hempstead, NY 11549
phone: 516-463-5698
fax: 516-463-4834

Dr. K.G. Viswanathan, Chairperson
221A Weller Hall
email: FINKGV@hofstra.edu
phone: 516-463-5698

Dr. Andrew Spieler
MSQF Program Advisor
220 Weller Hall
email: FINACS@hofstra.edu
phone: 516-463-5334

Dr. Ahmet Karagozoglu
Martin Greenberg Trading Room
Academic Director
025 Weller Hall
email: FINAKK@hofstra.edu
phone: 516-463-5701

HOFSTRA UNIVERSITY FINANCE DEPARTMENT



The Finance Department has 13 full-time faculty who have been described by The Princeton Review as “cutting-edge, often pulling together a curriculum not found in textbooks, incorporating tools developed and used in the field.” Faculty is actively involved in research and other professional activities, yet consider teaching a priority.

At Hofstra, research is considered an integral component of keeping classroom content up-to-date. Finance faculty has recently published articles in the areas of banking, corporate finance, corporate governance, derivatives, investments and real estate.

All finance classes are taught by full-time faculty or by highly qualified professionals who bring their industry experiences to the classroom.

Hofstra University Department of Finance

221 Weller Hall
134 Hofstra University
Hempstead, NY 11549-1340
Phone: 516.463.5698
Fax: 516.463.4834

Hofstra University



Department of Finance

Master of Science in Quantitative Finance (MSQF)

Quantitative Finance

During the last decade, interest in measuring, managing and controlling financial and operational risk has surged. At the same time, the field of finance has moved towards more sophisticated and highly quantitative methods to enhance our understanding ability to measure and control a myriad of risks in our highly volatile economic environment. Consequently, the demand for professionals with strong quantitative skills and knowledge of financial theory and markets has grown. A Master of Science in Quantitative Finance will provide students who have a sophisticated mathematical background the opportunity to apply their skills to analyze and develop quantitative solutions to contemporary financial problems.

Unique Programs Features

Offered through Hofstra's Department of Finance, with course offerings from the Departments of Mathematics and Information Technology and Quantitative Methods the Master of Science in Quantitative Finance offers advanced instruction to students with a quantitative background. These students gain a strong conceptual understanding of financial theory and analytical techniques. An emphasis is placed on applying the foundation to analyze and develop analytical and quantitative solutions to contemporary financial problems.

The MS in Quantitative Finance is designed to equip finance professionals who have strong quantitative skills with the background in financial theory required for positive positions in financial and operational risk management, derivative product development, investment banking and asset management.

Students in the MSQF program will benefit from finance faculty described in the Princeton Review as "cutting edge" and will fully utilize the resources of the academic Trading Room of the Zarb School of Business. This facility at Hofstra University is the only academic Trading Room in the U.S. with 34 Bloomberg Professional terminals.

The Trading Room offers MSQF students the ability to access and analyze a vast array of financial and economic data, apply analytical methods, conduct interactive trading simulations, and develop contemporary financial models. Resources available for MSQF students include industry standard databases and analytical applications such as Bloomberg Professional, Datastream, CRSP, Research Insight, and FinancialCAD.

Graduates earning an M.S. in Quantitative Finance will have the skills needed to analyze large historical and real-time financial data and develop analytical and quantitative financial models, thereby having a competitive edge in the market place.

Admission Requirements

Program applicants must hold a baccalaureate degree from an accredited institution. Undergraduate course work must have included the following (or the equivalent): calculus (two semesters) and basic statistics. In addition, students are expected to have working knowledge of computer programming language(s) and Excel. Applicants for admission are required to take the Graduate Management Admission Test (GMAT).

Program Requirements

All M.S. in Quantitative Finance students must take 11 courses and are expected to earn a grade B or better in all their Masters level courses. Each

student should meet with the Program Advisor every semester to discuss his/her progress and course selections.

The Program admits students in the Fall semester only.

Required Courses: (10 courses)

Finance 203 Managerial Finance

Math 205 Advanced Calculus for Finance

Finance 205 Investments

Finance 210 Portfolio Management

Finance 265 Derivatives Markets

Finance 266 Advanced Derivative Markets

Finance 275 Times Series Analysis of Financial Data (*same as QM 275*)

Finance 280 Topics in Mathematical Finance

Finance 285 Financial Engineering

Finance 315 Financial Modeling

Elective Courses: (*students should select one course from this list*)

Finance 209 Seminar in Corporate Financial Policy

Finance 212 International Financial Management

Finance 222 Risk Management in Financial Institution

Finance 226 Advanced Applications in Risk Management

Finance 263 Fixed Income Markets