

Financial Analysis and Quantitative Risk Management, M.S.

FOX SCHOOL OF BUSINESS AND MANAGEMENT

Learn more about the Master of Science in Financial Analysis and Quantitative Risk Management.

About the Program

Through the Master of Science in Financial Analysis and Quantitative Risk Management, students build industry-matched knowledge and skills across the fields of financial analysis, data science, quantitative modeling, and risk management. Combining the benefits of Temple's specialized Financial Analysis M.S. and Quantitative Finance and Risk Management M.S. programs, the M.S. in Financial Analysis and Quantitative Risk Management offers a unique curriculum that supports pursuing both the Chartered Financial Analyst (CFA) Exam Levels I through III and the Financial Risk Management (FRM) Exam Parts I and II during graduate study.

Time Limit for Degree Completion: 6 years

Campus Location: Main

Full-Time/Part-Time Status: Full-time students are able to complete the Financial Analysis and Quantitative Risk Management M.S. degree program in 22 months, while part-time students can complete the program in three years.

Affiliation(s): Research interests of Fox faculty are supported by numerous centers and institutes throughout the Fox School and Temple University.

Accreditation: The M.S. in Financial Analysis and Quantitative Risk Management is accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

Job Prospects: The Fox Center for Student Professional Development (CSPD) provides students with career coaching and professional development resources that support the job search. Graduates develop industry-matched skills in finance that distinguish them for employment with accounting firms, commercial banks, consulting companies, financial technology firms, government and regulatory agencies, hedge funds, insurance companies, investment banks, and investment management companies.

Non-Matriculated Student Policy: Students are not allowed to take classes under non-matriculated status.

Financing Opportunities: Citizens and permanent residents of the United States are considered domestic students and are typically eligible for federal student loans and alternative loans through private lenders. The Fox School grants 5% tuition scholarships to alumni who are admitted to the program.

Admission Requirements and Deadlines

Application Deadline:

Fall:

- December 15 – Early Admissions Deadline
- March 1 – Scholarship Deadline and International Deadline
- June 30 – Final Deadline

Spring:

- June 30 – Scholarship Deadline and International Deadline
- November 1 – Final Deadline

Applications are reviewed as they are received and can sometimes be considered after the deadline.

APPLY ONLINE to this Fox graduate program.

Letters of Reference:

Number Required: 2

From Whom: Academic and/or professional references from an immediate supervisor, current or past, are accepted.

Coursework Required for Admission Consideration: Applicants must demonstrate completion of coursework in Finance and multivariate calculus (Calculus 3) with a grade of "B" or better earned.

Bachelor's Degree in Discipline/Related Discipline: The equivalent of a four-year U.S. baccalaureate degree from an accredited university or college is required. For three-year degrees, mark sheets must be evaluated by WES or another NACES organization.

Statement of Goals: Essay prompts can be found in the online application portal.

Standardized Test Scores:

GRE/GMAT: Scores may be requested based on the applicant's academic and/or professional background. Candidates with an undergraduate GPA below 3.0 are required to submit valid GMAT or GRE test scores. Consult an admissions advisor with any questions.

Applicants who earned their baccalaureate degree from an institution where the language of instruction was other than English, with the exception of those who subsequently earned a master's degree in a country where the language of instruction is English, must report scores for a standardized test of English that meet these minimums:

- TOEFL iBT: 90
- IELTS Academic: 7.0
- Duolingo: 110
- PTE Academic: 68

Resume: Current resume or CV is required.

Transfer Credit: Transfer credit is not accepted for the Financial Analysis and Quantitative Risk Management M.S. degree.

Program Requirements

General Program Requirements:

Number of Credits Required Beyond the Baccalaureate: 43

Required Courses:¹

Year 1		Credit Hours
Fall		
Finance Academy, August		
FIN 5602	Corporate Finance	1
FIN 5603	Financial Accounting	1
FIN 5604	Derivative Markets	1
FIN 5605	Fixed Income	1
Fall Term		
FIN 5601	Financial Technology	0.5
FIN 5612	Asset Pricing	1.5
FIN 5615	Data Science in Finance	1.5
FIN 5618	Corporate Value Management	1.5
FIN 5627	Financial Econometrics	1.5
FIN 5628	Global Economy	1.5
FIN 5671	Financial Analysis I	1.5
FIN 5675	Professional Development	1
Term Credit Hours		14.5
Spring		
FIN 5632	Investment Management	1.5
FIN 5637	Applied Corporate Finance	1.5
FIN 5638	Behavioral Finance	1.5
FIN 5647	Financial Reporting & Analysis	1.5
FIN 5648	Quantitative Portfolios	1.5
FIN 5672	Financial Analysis II	1.5
Term Credit Hours		9
Year 2		
Fall		
Finance Academy, August		
FIN 5607	Stochastic Calculus & Finance	1

Fall Term		
FIN 5601	Financial Technology	0.5
FIN 5614	Continuous Time Finance	1.5
FIN 5619	Quant Fixed Income	1.5
FIN 5624	Numerical Methods	1.5
FIN 5629	Value at Risk	1.5
FIN 5673	Financial Risk Management I	1.5
Term Credit Hours		9
Spring		
FIN 5622	Machine Learning in Finance	1.5
FIN 5631	Financial Time Series	1.5
FIN 5634	Stochastic Volatility	1.5
FIN 5639	Quantitative Risk Modeling	1.5
FIN 5646	Frontiers in Quantitative Finance	1.5
FIN 5649	Enterprise Risk Management	1.5
FIN 5674	Financial Risk Management II	1.5
Term Credit Hours		10.5
Total Credit Hours:		43

¹ With approval from the Academic Director, FIN 5683 Special Study in Finance or non-FIN graduate courses may be substituted for any required course.

Culminating Event: Successful completion of coursework is required to earn the M.S. in Financial Analysis and Quantitative Risk Management.

Contacts

Program Web Address:

<https://www.temple.edu/academics/degree-programs/financial-analysis-and-quantitative-risk-management-ms-bu-faqr-ms>

Department Information:

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Submission Address for Application Materials:

https://foxgraduate.force.com/ERx_Forms__Portal_Register?type=fox

Department Contacts:

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