Master of QUANTITATIVE FINANCE

Fast-track your finance career with sophisticated quantitative and programming skills. The master’s degree program in Quantitative Finance provides you with advanced knowledge of financial markets, institutions and the latest analytics techniques.

What You Will Learn

EXPERIENCES TAILORED FOR YOUR CAREER:

Asset Management or Risk Management Consulting Projects
Refine your consulting and risk management skills through working with Citibank, Fannie Mae and our other major business partners.

Global Equity Fund Management
Manage $500,000 of the university’s endowment fund with your peers.

INDUSTRY-SPECIFIC TOOLS AND SKILLS YOU WILL USE:

• Financial Programming
• Financial Data Analytics
• Big Data and Machine Learning in Finance
• Risk Modeling
• Python
• SAS

KEY TOPICS EXPLORED:

• Numerical Methods and Simulation
• Financial Engineering
• Credit Risk Modeling
• Portfolio Management
• Quantitative Investment
• Institutional Asset Management
• Fintech
• Textual Analysis

STEM Eligible Program

3 or 4 Semesters
36 Credits

UNIVERSITY OF MARYLAND | ROBERT H. SMITH SCHOOL OF BUSINESS

FACULTY PROFILES:

Pete Kyle
Former Fellow and Consultant for NASDAQ and the Presidential Task Force
Expert in Market Microstructure, Corporate Finance, Asset Pricing and Management and Private Equity

Russ Wermers
Allen J. Krowe Teaching Award Recipient
Expert in Securities Markets, Microfinance, Quantitative Equity Strategy and Stock Price Setting for Institutional Investors

2019 STUDENT PROFILES:

315 Average GRE Score
659 Average GMAT Score
3.5 Average Undergrad GPA
58% Women
Where Your Degree Can Take You

$101K

11%

48%
Employers Planning To Hire Candidates with a Master’s Degree in Finance (GMAC, 2019)

POTENTIAL JOB TITLES
- Financial Analyst
- Financial Engineer
- Financial or Securitization Consultant
- Decision Management Analytics Associate
- Risk, Data or Research Analyst

BUSINESSES WHO HIRE OUR STUDENTS INCLUDE:

“"My consulting project was one of the key reasons why I interviewed well and finally got a job at BlackRock. Our team worked with a top-notch financial services organization using real-world data. This experience helped me to develop a practical application of my classroom work.”

Ziying Mao
Analyst, BlackRock
Quantitative Finance ‘19

Learn More:
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