

# RUTGERS

Rutgers Business School  
Newark and New Brunswick



## Master of Quantitative Finance

### Advance quantitative methods with cutting-edge finance strategies

The Rutgers Business School **Master of Quantitative Finance (MQF)** program is a unique and exciting degree program designed to develop highly-qualified and passionate students for careers in the interdisciplinary, technologically sophisticated, and specialized field of quantitative finance.

Financial managers and related professionals are playing an increasingly important role in mergers, consolidations, global expansion, and financing, where their extensive specialized knowledge helps to reduce risks and maximize profit.

A rigorous and selective program, Rutgers MQF has been recognized as a **“Top 10 Quant School”** by *Advanced Trading*.



Classes will be held  
at 1 Washington Park  
on our Newark Campus,  
30 minutes to NYC.

### Faculty Profile: Yangru Wu



**Professor Wu** has published articles in numerous journals including the *Journal of Finance*, *Economic Journal*, *Journal of Money Credit and Banking*, *Journal of Economic Dynamics*

and *Control*, *Biometrika*, *Journal of Public Economics*, *Journal of International Money and Finance* and *Journal of Applied Econometrics*. His research covers a range of topics in international finance and economics, with an emphasis on foreign exchange risks, asset price volatility and bubbles, investment strategies, and non-stationary analysis of financial and macroeconomic time series.



[business.rutgers.edu/quantitative-finance](https://business.rutgers.edu/quantitative-finance)

## Curriculum

The **Master of Quantitative Finance** consists of 45 credits and can be taken on either a full-time basis to be completed in three semesters (not including summer sessions) or a part-time basis to be completed in three years (not including summer sessions). The dedicated Career Management class is an integral and important component of the MQF program. This practical course emphasizes the integration of financial markets knowledge and technical skills with communication and networking skills key ingredients to advancing a career in finance and fintech.



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## Sampling of Courses

### Core

- Analysis of Fixed Income Securities
- Econometrics
- Financial Institutions & Markets
- Financial Modeling
- Numerical Analysis
- Risk Management
- Career Management Program

### Electives

- Data Mining
- Indexing and ETFs
- Hedge Fund
- Optimization Models in Finance
- Portfolio Theory
- Advanced Portfolio Management
- Decoding of Corporate Financial Statements

## Program Quick Facts

**Program:** Full-time | Part-time

**Credits:** 45 Credits

**Application Deadline:** Fall: Mar. 1

**Program Cost (Estimate):**

**Full Time:**

\$13,461.00 (NJ resident) | \$20,510.50 (out-of-state resident)

**Part Time:**

\$1,122.00 per credit (NJ resident)

\$1,708.00 per credit (out-of-state resident)

## How to Apply

**Apply online:**

[business.rutgers.edu/quantitative-finance/admissions](http://business.rutgers.edu/quantitative-finance/admissions)

*Please visit [business.rutgers.edu](http://business.rutgers.edu) to learn about upcoming information sessions and open houses.*

## Contact

**Phone:** 973-353-1234

**Email:** [admit@business.rutgers.edu](mailto:admit@business.rutgers.edu)



*Prepare for employment in this interdisciplinary, technologically sophisticated specialized field.*



## Career Outcomes

Rutgers students have begun careers with leading corporations around the world, including Morgan Stanley, Bank of America, J.P Morgan, Citigroup, HSBC, UBS, Bloomberg, Barclays Capital, Federal Reserve Bank of New York, Standard & Poor's, Moody's, State Street, and CITIC Securities, to name a few.

**"I chose the masters in quantitative finance program because of its strong quantitative training and good reputation on Wall Street. One of the greatest strengths of the program is its faculty, who present fundamental financial concepts precisely and clearly."**

**– Tony Zhang**  
Vice President, HSBC

