



Shape the future of finance with an *MS in Fintech*



UNIVERSITY of
SOUTH FLORIDA
Muma College of Business

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Why USF?

The University of South Florida is a top-tier public research university and a member of the prestigious Association of American Universities. Located in Tampa Bay, a growing hub for finance and technology, USF offers unmatched access to industry connections, real-world learning, and career opportunities in the fintech space. The Muma College of Business combines world-class faculty, a collaborative learning environment, and a focus on data-driven decision-making to prepare students for leadership roles in this evolving industry.



Why Fintech?

Fintech is redefining the future of financial services. The USF MS in Fintech program equips students with the interdisciplinary expertise needed to thrive in a sector that blends finance, technology, and analytics.

About the Program

The STEM-designated Master of Science in Fintech program provides a rigorous, future-forward education that aligns with the demands of the global workforce. This innovative program provides students with the technical, analytical, and financial expertise needed to thrive in the rapidly evolving fintech industry.

With a curriculum designed to integrate programming, big data analytics, machine learning, artificial intelligence, and advanced finance, students gain practical skills

essential for financial technology, digital assets, and computational finance.

By emphasizing transdisciplinary collaboration and real-world applications, the master's degree in fintech prepares students to drive innovation in financial technology, addressing the needs of global markets, emerging financial ecosystems, and regulatory frameworks.

Through rigorous training in STEM, computational thinking, and digital skills, this program equips individuals to excel in diverse roles across finance, technology, and regulation, including investment firms, banks, startups, and government agencies.

Curriculum Requirements

All full-time students can finish in three semesters, and part-time students are required to take at least two courses per semester to complete the coursework in five years.

A student who does not have an undergraduate degree in business must complete the following business foundation courses with a grade of B or higher prior to enrolling in any core or elective course.

Business Foundation (0-6 Credit Hours)

Financial Management
Investment Concepts
Managerial Decision Analysis

These courses can be waived, with the permission of the program director, if the student earned an A or B in these courses or equivalent courses at an AACSB-accredited institution within five years of entering the MS in Fintech program. The University of South Florida Muma College of Business is an AACSB-accredited institution.

Required Courses (15 Credit Hours)

- Foundations of Fintech
- Programming for Fintech
- Financial Modeling and Analytics
- Algorithmic Trading: Strategies and Applications
- Big Data and Machine Learning in Finance

Students are required to complete 15 credit hours of elective courses, which include 6 or more credit hours of fintech electives and additional finance electives.

Elective Courses (15 Credit Hours)

Fintech Elective Courses
(choose 6 credit hours or more)

- Quantitative Analytics for Fintech
- Fintech and Payment Technologies
- Financial Markets and Blockchain
- The Financial System and Fintech Innovation

Other Elective Courses

- Advanced Financial Management
- Financial Statement Analysis
- Corporate Mergers and Acquisitions
- Quantitative Investments
- Financial Options and Futures
- Behavioral Finance
- International Financial Management
- Finance Theory and Applications
- Finance Internship
- Microeconomics I
- Mathematical Economics I
- Econometrics I
- Foundations of Business Statistics

Specific course requirements with numbers will be available when the 2025-26 catalog is published in June 2025.





Admission Requirements

Must meet University Admission and English Proficiency requirements, as well as requirements for admission to the major, listed below:

- GMAT Score of 550 or higher (or equivalent GRE) or CFA Level 1
- Applicants with a cumulative undergraduate or graduate GPA of 3.5 or higher from an accredited graduate-level institution (or international equivalent as demonstrated by an accredited foreign credentials evaluation agency) can request and will be considered for a GMAT waiver.

For bachelors degrees obtained outside of the U.S., see usf.to/Grad-Requirements for admissions requirements.

How to Apply

Applications must be submitted online at grad.usf.edu and are evaluated as they are received. Admissions decisions are usually made within four weeks. Non-USF transcripts must be submitted with application. Application deadlines are:

Fall Start: June 1

Spring Start: October 15

Summer Start: February 15

Financial Aid

USF and the Muma College of Business offer a number of scholarships, graduate teaching assistantships, tutoring opportunities, and student excellence grants to Tampa campus students. Please visit the USF Financial Aid website at usf.edu/finaid for other sources of financial assistance.

LEARN MORE AT usf.to/MSFintech

APPLY TODAY usf.to/admissions