



FOISIE BUSINESS SCHOOL

Worcester Polytechnic Institute

GRADUATE CERTIFICATE IN FINANCIAL TECHNOLOGY

The **Certificate in Financial Technology** is a multidisciplinary, graduate-level certificate offered by the **Foisie Business School** at WPI.

The Certificate will prepare professionals with the necessary technological and business foundations to lead the creation, implementation, and commercialization of technology-enabled financial solutions. The certificate provides the analytical and management tools for leadership decision-making related to the evolution of the financial sector as a result of rapid technological innovation and savvy consumer expectations.

Although a student may pursue the Certificate on a standalone basis, it is specifically designed to complement existing WPI graduate programs (e.g., MS in IT, MS in Marketing & Innovation, MS in Management, MBA, or MS in Financial Mathematics). Students are often able to combine the Certificate with these programs with no additional coursework by leveraging their other program's electives.

Courses (12 Credits Total)

To qualify for the 12-credit Certificate in Financial Technology, you must meet the specific admission requirements for the Certificate in Financial Technology outlined below and complete 4 courses consistent with the following requirements.

Two Required Foundational Courses (6 credits)

- FIN 522: Financial Institutions, Markets & Technology – and –
- MIS 500: Innovating with Information Systems

One Required Financial Course (3 credits)

Choose from one of the following three courses:

- ACC503: Financial Intelligence for Strategic Decision-Making
- FIN500: Financial Information & Management
- MA 574: Portfolio Valuation and Risk Management
- MA 575: Market and Credit Risk Models and Management

One Required Technology/Data Course (3 credits)

Choose from one of the following three courses:

- DS 501: Introduction to Data Science
- ETR 593: Technology Commercialization: Theory, Strategy & Practice
- MIS 581: Information Technology Policy and Strategy (Prerequisite: MIS 500 or equivalent content, or instructor consent)
- MIS 582: Information Security Management

Admission Requirements

Prospective students must follow the requirements set forth for all WPI graduate applicants: <http://www.wpi.edu/admissions/graduate/appl-requirements.html>. Specifically, a bachelor's degree in any discipline is required, along with either a GRE or GMAT examination score. The admission decision is made based on the overall profile of an applicant for either program. While there is no specific undergraduate major or graduate degree required, we believe that students will most likely succeed in the program, if they have had academic training and/or work experience in STEM fields, finance, management, and economics, among others.

Students already admitted to WPI in an existing graduate degree program may enroll in the Graduate Certificate in Financial Technology without meeting any additional admissions requirements, provided that their graduate program is in a related discipline (e.g., business, financial mathematics, data science, cybersecurity or other comparable programs).

For More Information

Contact the Foisie Business School:

- business@wpi.edu
- Main Office: 508-831-5218
- Graduate Business Admissions: 508-831-4665