Graduate Certificate
in FINTECH

From banking and mobile payment to cryptocurrency and crowdfunding, financial technology (fintech) is disrupting the mainstream banking and finance sectors. With a Graduate Certificate in FinTech from Oakland University, you will gain the ability to expertly navigate the evolving financial services landscape.

PROGRAM OVERVIEW

In this 15-credit certificate program students will develop specialized data-management skills as they apply what they learn about data mining, artificial intelligence, block chain, cryptocurrencies, deep learning, machine learning and text analytics to key financial scenarios, including the creation and dynamic implementation of budgets, capital budgeting, valuation, capital structure and derivatives. Special topics may cover mergers and acquisitions, international financial issues and bankruptcy prediction.

This certificate program is especially useful for students with an interest in commercial and investment banking, including regulatory applications such as value at risk and expected shortfall.

AUDIENCE

The program is ideal for students holding a bachelor's or master's degree who are interested in pursuing a:

- corporate or investment finance career with an emphasis on technology or data analytics.
- business or data analytics career in the corporate or investment finance sector.
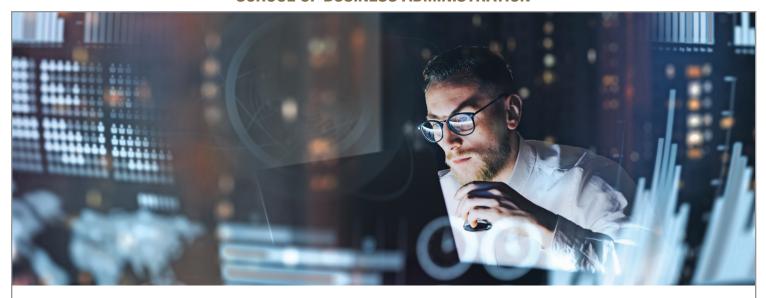
IN-DEMAND SKILLS

Meet the growing demand for technology talent in finance. Fintech careers are emerging and evolving as organizations adapt to new demands and opportunities.

Career prospects for the tech-savvy banker or finance-savvy techie are growing rapidly. According to Bankers By Day, the best career opportunities in fintech can be found in payments, peer-to-peer lending, artificial intelligence and robo-advisers, regulatory technology, crowdfunding, cybersecurity and blockchain.

BENEFITS

- Develop tangible skills to innovate at the intersection of finance and technology.
- Gain insight into preparing for and leveraging fintech disruptors.
- Build capabilities to respond to the technological revolution in the financial services industry.
- Expand your expertise in this growing, specialized field.
- Earned credits that can be applied toward an Oakland University MBA.

CURRICULUM

Foundation Course

Can be waived based on previous background work or prior coursework.

ACC 5110 Financial Accounting

QMM 5100 Quantitative Methods for Managers

FIN 5330 Financial Management

MIS 5240 Enterprise Information Systems
  or ACC 5180 Accounting Information Systems and Databases

Required Courses

FIN 5600 Investment Analysis

FIN 5720 Advanced Financial Management

Together, these courses cover financial markets and managerial finance applications.

FIN 5680 Financial Modeling
  or MIS 5460 Business Analytics

Topics in this course bridge the gap between theory and implementation by delving into Excel implementation, Excel VBA coding and business analytics.

MIS 5560 Introduction to Data Science

In this course, students gain an understanding of machine learning models.

MIS 6900 ST: Foundations of AI and FinTech Applications

This course covers the fundamental building blocks of fintech applications. Topics include artificial intelligence, deep learning, blockchain, smart contracts, big data and cryptocurrency.

APPLICATION AND ADMISSION

Application Requirements

- Application for graduate study
- Official transcripts from all colleges and universities attended
- Official transcripts providing evidence of an earned baccalaureate degree
- Curriculum vitae or resume
- Email address of two individuals for a recommendation

International Students

- Transcript evaluation (for degrees earned from a college or university outside of the United States)
- Proof of English language proficiency
- International supplemental application and supporting documents

Admission Deadlines

All application materials must be received by:

- July 15 for the fall semester (May 1 for international students)
- November 15 for the winter semester (September 1 for international students)
- March 1 for the summer semester (January 1 for international students)

FOR MORE INFORMATION

Graduate Business Programs

oakland.edu/business/grad | (248) 370-3287

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