

FINANCIAL TECHNOLOGY (MS)

The Master of Science in Financial Technology (M.S. Fintech) is designed to meet the growing demand for professionals who can harness advanced business analytics, technology solutions and financial services skills to address existing business problems. Skills developed in the program will allow students to create new opportunities for small to global enterprises in information-rich environments including Fintech, Insurtech, Medtech, and Regtech. Students must complete 36 credits to fulfill all degree requirements. The program will be in-person and can be completed on a full-time or part-time basis.

Requirements

Course	Title	Credits
Required Courses		
FNCE 5710	Introductions to Financial Models	3
FNCE 5711	Foundations of FinTech	3
FNCE 5712	FinTech Economics and Business Models	3
FNCE 5720	Cryptocurrencies	1.5
OPIM 5512	Data Science using Python	3
OPIM 5513	Blockchain	1.5
OPIM 5603	Statistics in Business Analytics	3
OPIM 5604	Predictive Modeling	3
Electives		
Select 15 credits from the following:		15
CSE 5850	Introduction to Cyber-Security	
CSE 5852	Modern Cryptography: Foundations	
CSE 5854	Modern Cryptography: Primitives and Protocols	
FNCE 5313	Financial Risk Modeling I	
FNCE 5352	Financial Programming and Modeling	
FNCE 5721	Blockchain Applications	
FNCE 5722	Algorithmic and High Frequency Trading	
FNCE 5757	FinTech Workshop	
OPIM 5115	Supply Chain Finance	
OPIM 5272	Data Management and Business Process Modeling	
OPIM 5500	Field Study Internship	
OPIM 5501	Visual Analytics	
OPIM 5509	Introduction to Deep Learning	
OPIM 5514	Mobile Application Development	
OPIM 5671	Data Mining and Time Series Forecasting	
Any 5000-level Business course		
Total Credits		36

Additional courses may be used to meet degree requirements with the consent of the program director.

Accelerated Master of Science in Financial Technology (FinTech)

Prospective undergraduate UConn students must apply to the Accelerated Master of Science in Financial Technology Program through the online pre-graduate application through The Graduate School once

they have successfully completed 54 undergraduate credits. The pre-graduate application is in addition to The Graduate School's formal application process and does not guarantee admission.

Undergraduate students receiving a grade of B or better in FNCE 5711 Foundations of FinTech and OPIM 5603 Statistics in Business Analytics who are admitted into the UConn Graduate School may apply these six credits toward both the undergraduate and M.S. plans of study. To complete the M.S. FinTech degree, students admitted to the Accelerated Masters are required to complete 30 credit hours, having completed six of the required credits to attain admission to the M.S. FinTech program.

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