FINANCE AND TECHNOLOGY

Overview

Program Information

Master of Science degree with a major in Finance and Technology, non-thesis option:

The M.S. with a major in Finance and Technology consists of a minimum of 30 credit hours. It is designed to ensure that students have exposure related to investments, derivatives, valuation, and current trends in financial intermediation and financial services, while also giving students an extensive grounding in the technologies being employed in finance today related to AI and blockchain. The program will primarily be a combination bachelor's/master's program beginning when students enter their senior year, with the possibility of entering the program on a stand-alone basis with the same set of master's level requirements.

Degrees Offered

Degrees Offered with a Major in Finance and Technology

- Master of Science

Requirements for these degrees are given in the Graduate Degrees (http://gradcatalog.ufl.edu/graduate/degrees/) section of this catalog.

Courses

Finance Departmental Courses

Code	Title	Credits
FIN 5405	Business Financial Management	3
FIN 5437	Finance I: Asset Valuation, Risk, and Return	2
FIN 5439	Finance II: Capital Structure and Risk Management Issues	2
FIN 6108	Personal Financial Management	1
FIN 6246	Money and Capital Markets	3
FIN 6296	Capitalism	2
FIN 6306	Investment Banking	2
FIN 6425	Corporation Finance	3
FIN 6427	Measuring and Managing Value	2
FIN 6429	Financial Decision Making	2
FIN 6432	Asset Valuation and Corporate Finance	2
FIN 6438	Study in Valuation	2
FIN 6465	Financial Statement Analysis	2
FIN 6477	Entrepreneurial Finance	2
FIN 6489	Financial Risk Management	2
FIN 6496	Mergers & Acquisitions	2
FIN 6518	Investment Concepts	2
FIN 6525	Asset Management Project	1
FIN 6526	Portfolio Theory	2
FIN 6528	Asset Allocation and Investment Strategy	2
FIN 6537	Derivative Securities	2
FIN 6545	Fixed Income Security Valuation	2
FIN 6547	Interest Rate Risk Management	2
FIN 6549	Special Topics in Fixed Income Securities	2
FIN 6575	Emerging Markets Finance I	2
FIN 6576	Emerging Markets Finance II	2
FIN 6585	Securities Trading	2
FIN 6596	Introduction to Computational Methods & Derivative Pricing	2

Code	Title	Credits
FIN 6608	Financial Management of the Multinational Corporation	2
FIN 6626	International Finance	3
FIN 6636	Open Economy Macrofinance	2
FIN 6638	International Finance	2
FIN 6728	Capitalism and Regulation	2
FIN 6729	Economics Organizations and Markets	3
FIN 6779	Artificial Intelligence & Machine Learning Applications for Finance & FINTECH	2
FIN 6785	Investment Banking and Corporate Financial Modeling I	2
FIN 6786	Investment Banking and Corporate Financial Modeling II	2
FIN 6905	Individual Work in Finance	1-4
FIN 6930	Special Topics in Finance	1-4
FIN 6935	Finance Professional Speaker Series	1
FIN 6936	Special Topics In Investment Finance	2
FIN 6957	International Studies in Finance	1-4
FIN 6958	International Finance Study Tour	2
FIN 7446	Financial Theory I	4
FIN 7447	Financial Theory II	4
FIN 7808	Corporate Finance	4
FIN 7809	Investments	4
FIN 7938	Finance Research Workshop	1-4
FIN 7979	Advanced Research	1-12
FIN 7980	Research for Doctoral Dissertation	1-15
REE 6007	Fundamentals of Real Estate Development	2
REE 6045	Introduction to Real Estate	2
REE 6058	Real Estate Research and Technology	1
REE 6105	Real Estate Appraisal	2
REE 6206	Primary Mortgage Markets and Institutions	2
REE 6208	Secondary Mortgage Markets and Securitization	2
REE 6315	Real Estate Market and Transaction Analysis	2
REE 6395	Real Estate Private Equity	2
REE 6397	Real Estate Securities and Portfolios	2
REE 6455	Law of Real Estate Transactions	2
REE 6705	Geographic Information Systems and Location Analysis	2
REE 6737	Real Estate Development	2
REE 6905	Individual Work in Real Estate	1-6
REE 6930	Special Topics in Real Estate	1-4
REE 6935	Real Estate Case Studies	1-2
REE 6948	Capstone Seminar and Applied Project	2

Additional Finance and Technology Courses

FIT 6335 Blockchain and Cryptocurrencies
FIN 6314 Financial Intermediation, Financial Services and Technology
FIT 6356 Decentralized Finance Project
FIN 6XXX Natural Language Processing and Generative AI for Finance (Approval #20236)
FIN 6XXX Financial Modeling for Investments (Approval #20237)
FIN 6586 Behavioral Finance

Student Learning Outcomes

Finance and Technology (MS)

SLO 1 Knowledge

Produce a valuation of a financial claim and understanding of blockchain technologies and machine learning in finance.

SLO 2: Skills
Synthesize financial and economic data, apply the appropriate framework, and recommend a financial strategy.

SLO 3: Skills
Ability to process financial and economic data for finance applications using machine learning and generative AI.

SLO4: Skills
Ability to strategize and analyze "fintech" products using blockchain technology.