

UNIVERSITY OF NORTH TEXAS

G. BRINT RYAN

COLLEGE OF BUSINESS



MS FINANCE (STEM) (2022-2023)

The Master of Science degree allows you to tune your skills and gain expertise in Finance in a concentrated period of time. The MS requires completing fewer hours than the MBA. The program prepares you to be a financial specialist. As a financial specialist, you plan and analyze the financial and monetary aspects and performance of investment firms, financial institutions, regulatory bodies or other organizations.

CAREER POSSIBILITIES

Account Executive | Balance Fund Manager | Bank Economist | Bond Broker | Bond Trader | Brokerage Office Manager | Business Investor | Capital Budgeting Manager | Capital Budgets Analyst | Commercial Loan Officer | Commodities Brokerage Manager | Controller | Credit Analyst/Manager | Financial Consultant | Investment Banker/Manager | Money Market Analyst | Pension Fund Manager | Revenue Analyst | Securities Advisor | Securities Analyst | Securities Brokerage Manager

DEGREE REQUIREMENTS

FOUNDATION COURSES (18 HOURS)

FINA 5170 (3 hrs.) Financial Management
FINA 5210 (3 hrs.) Investment Analysis and Management
FINA 5310 (3 hrs.) Advanced Topics in Financial Management
FINA 5400 (3 hrs.) Financial Markets and Institutions
FINA 5500 (3hrs.) International Financial Management
FINA 5700 (3 hrs.) Integrative Capstone (taken in last semester)

ELECTIVE COURSES (12 HOURS SELECTED FROM)

FINA 5220 (3 hrs.) Theory and Application of Financial Derivatives
FINA 5240 (3 hrs.) Fixed Income Securities
FINA 5250 (3 hrs.) Python and Data Analytics for Finance
FINA 5330 (3 hrs.) Sustainable Finance
FINA 5340 (3 hrs.) Mergers and Acquisitions
FINA 5510 (3 hrs.) Theory of Finance
FINA 5650 (3 hrs.) Contemporary Issues in Finance
FINA 5800 (3 hrs.) Internship
DSCI 5210 (3 hrs.) Model Based Business Intelligence
DSCI 5240 (3 hrs.) Data Mining

Up to two non-Finance courses can be used. Courses include:
BLAW 5410, DSCI 5210 and DSCI 5240

BACKGROUND COURSES/CONTENT

ACCT 2010 (3 hrs.) Financial Accounting **OR** Equivalent
MATH 1190 (3 hrs.) Business Calculus **OR** Equivalent

DSCI 5180 (3 hrs.) Intro to the Business Decision Process **OR** Two undergraduate college level statistics courses (UNT DSCI 2710 and UNT DSCI 3710 **OR** Equivalent)

Deficiencies can be completed through Ivy Software and Responsive.net. The G. Brint Ryan College of Business Graduate Programs Office works with students to determine if background courses will be necessary or strongly recommended.

READY TO APPLY? NEED TO GET ADVISED?

CONTACT A STAFF MEMBER IN THE GRADUATE PROGRAM'S OFFICE AT RCoBMasters@unt.edu OR CALL 940-369-8977

COURSE #	COURSE NAME	PROPOSED SCHEDULE OF COURSE OFFERINGS		
		FALL	SPRING	SUMMER
FOUNDATION COURSES (18 HOURS)				
FINA 5170	FINANCIAL MANAGEMENT <i>(Prerequisite: Financial Accounting & Statistics)</i>	✓ONLINE ✓DENTON	✓ONLINE ✓FRISCO	✓ONLINE
FINA 5210	INVESTMENT ANALYSIS MANAGEMENT <i>(Prerequisite: FINA 5170)</i>	✓DENTON	✓ONLINE	
FINA 5310	ADVANCED TOPICS IN FINANCIAL MANAGEMENT <i>(Prerequisite: FINA 5170)</i>	✓ONLINE	✓DENTON	
FINA 5400	FINANCIAL MARKETS AND INSTITUTIONS <i>(Prerequisite: FINA 5170, may be taken concurrently)</i>	✓ONLINE	✓DENTON	
FINA 5500	INTERNATIONAL FINANCIAL MANAGEMENT <i>(Prerequisite: FINA 5170, may be taken concurrently)</i>	✓DENTON	✓ONLINE	✓ONLINE
FINA 5700	INTEGRATIVE CAPSTONE <i>(taken in last semester)</i>		✓DENTON	
SUPPORTING COURSES (12 HOURS SELECTED FROM)				
FINA 5220	THEORY AND APPLICATION OF FINANCIAL DERIVATIVES <i>(Prerequisite: FINA 5210, may be taken concurrently)</i>		✓DENTON	
FINA 5240	FIXED INCOME SECURITIES <i>(Prerequisite: FINA 5210, may be taken concurrently)</i>		✓DENTON	
FINA 5250	PYTHON AND DATA ANALYTICS FOR FINANCE <i>(Prerequisite: FINA 5170, may be taken concurrently)</i>	✓DENTON		
FINA 5330	SUSTAINABLE FINANCE <i>(Prerequisite: FINA 5310, may be taken concurrently)</i>	✓DENTON		
FINA 5340	MERGERS AND ACQUISITIONS <i>(Prerequisite: FINA 5310)</i>		✓DENTON	
FINA 5510	THEORY OF FINANCE <i>(Prerequisite: FINA 5310)</i>	✓DENTON		
FINA 5650	CONTEMPORARY ISSUES IN FINANCE		✓DENTON	
FINA 5800	INTERNSHIP	✓	✓	✓
DSCI 5210	MODEL BASED BUSINESS INTELLIGENCE	✓ONLINE	✓ONLINE	✓ONLINE
DSCI 5240	DATA MINING	✓ONLINE ✓DENTON	✓DENTON ✓FRISCO ✓ONLINE	✓ONLINE

Up to two courses outside of the FIREL department can be used. Courses include: BLAW 5410, DSCI 5210, and DSCI 5240. Any other 5000 level courses from the G. Brint Ryan College of Business or the Economics department are subject to approval from an advisor.

This is provided to serve as a guide and is subject to change.