

Master of Finance

School of Finance and Business SHNU

Introduction

The Master of Finance (MF) program is committed to cultivate **applied and innovative global financial management talents** with good professional ethics, social responsibility and global vision, familiar with financial institution management and capital operation management techniques, and good at financial quantitative analysis in the context of artificial intelligence.

Concentrations

Students can choose to concentrate in one of the learning streams: **Financial Data Analysis, Financial Institution Management, and Investment Management**, according to their interests and career aspirations.

Program Features

Leveraging academia and industry. Invites financial industry professionals and leaders to the MF faculty team. Courses are designed and taught by a combination of school faculty and financial institution executives.

Global oriented curriculum. Dedicates a significant portion of the FRM Curriculum to the Candidate Body of Knowledge, preparing students to sit for the FRM exams.

An internship-style program. Provides internship opportunities with partner institutions. Students can spend three months “on the job” building the market knowledge and insights.

Duration

The MF program extends over a minimum of **two academic years** and a maximum of three academic years for **full-time** study.

Graduation Requirements

Students are required to successfully complete 37 minimum credit hours, including two public courses, four fundamental core courses, eight elective concentration courses and an internship.

Students are required to successfully complete the thesis and pass the thesis defense.

Curriculum

Fundamental Core Courses

- Financial Theory and Policy
- Financial Statement Analysis
- Corporate Finance
- Derivative Financial Instruments **or** Financial Markets and Financial Institutions

Elective Concentration Courses

- Financial Data Analysis (SPSS)
- International Investment
- Integrated Mathematical Modeling
- Business Ethics and Professional Ethics
- Financial Econometrics I
- Financial Econometrics II
- Fundamentals of Financial Programming (Python)
- Behavioral Finance
- Financial Institution Business Management and Practice
- Financial Data Mining and Analysis

- Financial Big Data Case Study
- Financial Time Series Analysis
- Financial Computing and Modeling
- Financial Statistical Forecasting and Decision Making
- Financial Institution Risk Management
- Financial Institution Wealth Management
- Financial Services Marketing
- International Finance and International Settlement
- Financial Strategic Management
- Quantitative Investment
- Investment Banking and M&A Restructuring
- Fixed Income Securities
- Advanced Portfolio Analysis
- Advanced Portfolio Management