The Master of Science in Finance (MSF) program emphasizes the fundamental principles that cut across all areas of finance. In fields teeming with volatility — corporate finance, risk management, asset management, real estate, capital markets and investments — the MSF provides a solid foundation for professional success.

Consistently highly ranked* by the Financial Times, the Bentley MSF gives you a firm grasp of both theory and practice by using state-of-the-art information and analysis software throughout the curriculum.

Overview

- Tailor your degree with a Finance or Financial Analytics path, which includes more financial mathematics and statistical analysis. Complete either in 12 to 20 months, depending on foundation waivers and an optional summer internship.
- The Financial Analytics path is STEM designated, allowing international students to apply to receive an additional 24 months of Optional Practical Training (OPT) after graduation, for a total of three years of OPT under current rules.
- All courses in the MSF program use the latest technologies for hybrid online learning, so students have the option of attending class on campus or from their home or office.
- Bentley enjoys partnerships with leading international finance programs, including the Global Association of Risk Professionals (GARP) for their Financial Risk Manager (FRM) designation, and the CFA Institute’s University Recognition Program, for their highly regarded CFA certification.
- Experiential learning opportunities include the use of Bentley’s Trading Room, accessing industry tools like Bloomberg, FactSet, Morningstar and Capital IQ. Students can also get involved with the student-run Bentley Investment Group and earn a Bloomberg certification with any of our 24 on-campus Bloomberg terminals.
- The MSF prepares graduates for careers such as equity research associate, investment banking analyst, real estate private equity, senior financial analyst and venture capital analyst.

*Ranked #2 in 2020; #3 in 2021; #4 in both 2018 and 2023

BUILDING AN ANALYTICAL MINDSET

Will Xue
Senior Manager of Financial Markets and Real Estate (FMRE), PWC

I earned my bachelor’s degree in financial engineering back in China. I chose Bentley for my MSF because it’s a target school for Big Four accounting firms and it’s right next to Boston. Many of my classes gave me exposure to the same valuation projects I worked on during my first two years in my job. The curriculum provided me with traditional finance knowledge and an analytical mindset. The Bentley MSF prepared me for the CFA exams and I passed the first two levels while pursuing my degree, which really stood out on my resume with PwC. I also attended many networking events, mock interviews and resume workshops hosted by the Pulsifer Center for Career Services, and through a campus recruiting event, I landed an internship at PwC which led to a full-time job offer.
Curriculum
The MSF program offers two paths of study. Both have a 10-course, 30-credit minimum requirement for degree completion. The traditional Finance path consists of five core courses and five electives and the Financial Analytics path consists of eight core courses and two electives. An evaluation of each student’s background for pre-program foundation course waivers is part of the admission process.

Pre-Program Foundation
GR 521 Managerial Statistics
GR 522 Economic Environment of the Firm
GR 524 Accounting for Decision Making
GR 526 Calculus (Financial Analytics path only)

FINANCE

Core
Five required courses
FI 623 Investments
FI 625 Corporate Finance: Theory, Tools and Concepts
FI 631 Financial Modeling
FI 751 International Financial Management
ST 625 Quantitative Analysis for Business

Electives
Select five courses from the following:
FI 627 Corporate Finance: Applications and Advanced Topics
FI 635 Fixed Income Valuation and Strategies
FI 640 Equity Valuation
FI 645 Derivatives
FI 650 Advanced Portfolio Theory and Practice
FI 685 Financial Strategy
FI 701 Internship in Finance
FI 730 Management of Financial Institutions
FI 735 Mergers and Acquisitions
FI 744 Computational Finance
FI 787 Large Investments and International Project Finance

FINANCIAL ANALYTICS

Core
Eight required courses
CS 605 Data Management and SQL for Analytics
CS 655 Managing with Analytics
FI 623 Investments
FI 625 Corporate Finance: Theory, Tools and Concepts
FI 631 Financial Modeling
FI 645 Derivatives
FI 774 Computational Finance
ST 625 Quantitative Analysis for Business

Electives
Two required courses (600 level or higher)
Finance Elective (1): Any graduate Finance elective
Analytics Elective (1): Any graduate elective in Computer Science, Mathematics or Statistics

For complete degree requirements and up-to-date courses, scan the code.