

# Master of Science in Finance

The Master of Science in Finance (MSF) program at Bentley University 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, investments — the MSF provides a solid foundation for professional success.

Ranked second in the United States 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.

## Program Features

- Tailor a degree to your career goals with two different paths: Finance or Financial Analytics. The traditional Finance Path comprises 10 courses that can be completed in as little as 11 months if students elect to take summer courses, or 16 months, which may include a summer internship. The 10-course Financial Analytics Path can be completed in 12 to 16 months and includes more financial mathematics and statistical analysis. Students can select a path at any point before their second semester.
- 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.
- 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 the highly regarded CFA certification.
- Bloomberg certification courses available on our 24 on-campus Bloomberg terminals.

## Experiential Learning

Bentley MSF students make extensive use of the multimillion-dollar Bentley Trading Room in course work and case studies, using tools like Bloomberg, FactSet, Morningstar, Capital IQ, S&P Compustat, and ThomsonOne Analytics. You can also get involved with B.I.G., the Bentley Investment Group, a student-run organization that invests a portion of the Bentley University endowment.

## Career Outcomes

The MSF prepares you for such careers as:

- Senior financial analyst
- Equity research associate
- Investment banking analyst
- Venture capital analyst
- Real estate private equity



“The MSF curriculum challenges you to learn but also to apply it in practical applications.”

**Mark Duffy**

Research Analyst

## Curriculum

### Foundation

**All applicants will be evaluated for foundation waivers.**

**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 Path

Core (5 courses)

**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 (5 courses)

**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 Path

Core (8 courses)

**Eight required courses.**

**CS 605** Data Management and SQL for Analytics

**FI 623** Investments

**FI 625** Corporate Finance: Theory, Tools and Concepts

**FI 631** Financial Modeling

**FI 645** Derivatives

**FI 774** Computational Finance

**IPM 652** Managing with Analytics

**ST 625** Quantitative Analysis for Business

Electives (2 courses)

**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 most up-to-date course options, visit [bentley.edu/graduate](https://bentley.edu/graduate).

[bentley.edu/graduate/finance](https://bentley.edu/graduate/finance)

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