

Master of Science Finance

MS



BUILDING AN ANALYTICAL MINDSET



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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 résumé with PwC. I also attended many networking events, mock interviews and résumé 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.

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, 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 either 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, Capiat 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



BENTLEY UNIVERSITY

McCallum Graduate School
of Business

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

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| 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.

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| 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:

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| 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.

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| 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

Two required courses (600 level or higher).

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| 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.