MASTER OF SCIENCE IN FINANCE

Master of Science in Finance

The Master of Science in Finance develops quantitative and analytical skills demanded in today's competitive marketplace. The STEM-oriented curriculum integrates modeling, analytics, information technology, and quantitative methods into all of the finance courses. Students are able to personalize the curriculum by choosing course "clusters" that match their learning needs and areas of interest. Sample course clusters include:

- Corporate Finance
- Fintech
- Investment & Portfolio Management
- Wealth Management
- International Finance
- Financial Analytics
- Psychology of Financial Markets
- Sustainable Finance
- Real Estate Investments

To obtain detailed program admission information, please reference the program brochure which can be requested by contacting the Office of Recruiting and Admissions at 305-284-2510 or by visiting the Miami Herbert Business School website (https://herbert.miami.edu/graduate/find-and-compare-programs/finance/).

Admission Requirements

Requirements for Admission

- Completed application for admission submitted through BusinessCAS
- A baccalaureate degree from an accredited institution
  - Official academic transcripts from all previously attended post-secondary institutions must be submitted directly to BusinessCAS.
  - International applicants must have their educational credentials from institutions outside of the United States verified by an approved international credentialed evaluation service such as World Education Services to confirm degree equivalency and GPA calculation.
- Statement of purpose and short-essay responses to the career goal and program-related questions in BusinessCAS
- A current resume
- At least one letter of recommendation (up to three allowed) may be submitted through the BusinessCAS portal by including recommender contacts within the Program Materials section of the application.
- Official GMAT (or GRE) score to be sent directly to the University of Miami Herbert Business School by using the relevant code below.
  - GMAT Institution Code is 7NV-S1-00
  - GRE institution Code is 5815
- An official TOEFL or IELTS score is required as proof of English proficiency for international applicants who did not receive a degree in the United States or a foreign country where English is the primary language. The following minimum score is required for admission to a graduate business degree program.
  - TOEFL - 94 or above (iBT only)
  - IELTS - 7.0 or above

If you do not yet have a GMAT or GRE score or TOEFL or IELTS score (international candidates only), you may complete and submit your application prior to taking the exam by indicating your approximate date within the Standardized Tests tab in the Academic History section. Select “Add Test Score” by the relevant test, then indicate that you have not yet taken the exam and add your estimated test date in the section provided.

We encourage candidates to upload unofficial transcripts and test scores (if required) with their BusinessCAS application in order to expedite the review of their file while official documents are processed.

QUESTIONS?

Connect with Miami Herbert Business School’s graduate enrollment advisors at (305) 284-2510, by email at mba@miami.edu, or visit the Miami Herbert Business School website (https://herbert.miami.edu/graduate/find-and-compare-programs/finance/).
Curriculum Requirements

The curriculum defines a common core of required courses (14 credits) and allows the selection of elective courses (20 credits). A minimum of 12 elective credits out of the 20 total elective credits must be Finance (FIN) courses. A minimum of 24 STEM credits (12 required and 12 elective) out of the 34 total program credits is required for graduation.

One semester of part-time (10-20 hours per week) practical training and concurrent enrollment in FIN 695 is mandatory for the Master of Science in Finance degree. Practical training is defined as "alternative work/study, internship, cooperative education, or any other type of required internship or practicum that is offered by sponsoring employers through cooperative agreements with the school." The practical training and concurrent enrollment in FIN 695 must be approved in advance by the faculty director. International students in F-1 status are required to obtain authorization for Curricular Practical Training (CPT) from the Department of International Student and Scholar Services (ISSS) prior to engaging in off-campus employment.

Regular MSF Track

<table>
<thead>
<tr>
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<td>FIN 640</td>
<td>Nobel Prize Winning Ideas in Financial Economics Current Topics</td>
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<td>FIN 643</td>
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<td>FIN 652</td>
<td>Fixed Income Securities</td>
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1 Students may take FIN 696 (https://miami-currcourseleaf.com/search/?P=FIN%20696) as a replacement for FIN 695 (https://miami-currcourseleaf.com/search/?P=FIN%20695) only if an internship cannot be obtained.

**The Professional MSF Track**

The Professional MSF Track does not require the one semester internship, FIN 695. In lieu of FIN 695, the Professional track requires FIN 696: Finance Capstone Project or an approved professional practice or research-based course. Students may opt into the Professional MSF track should they have extensive professional work experience within the finance field, or an interest in a research-intensive course with doctoral degree aspirations or students who require a culminating academic experience that facilitates students to think critically to solve a finance-related issue.
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<td>FIN 687</td>
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<td>FIN 689</td>
<td>Applied Numerical Methods in Finance</td>
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<td>FIN 690</td>
<td>Risk Management Insurance</td>
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<td>FIN 698</td>
<td>Selected Topics in Finance</td>
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**Other STEM Electives**

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<td>ECO 685</td>
<td>Managerial Decisions in a Global Economy</td>
</tr>
<tr>
<td>ECO 695</td>
<td>Global Economics</td>
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<tr>
<td>MAS 627</td>
<td>Programming for Data Analytics</td>
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<tr>
<td>MAS 637</td>
<td>Applied Regression Analysis I</td>
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<td>MAS 640</td>
<td>Applied Time Series Analysis and Forecasting</td>
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<tr>
<td>MTH 647</td>
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<tr>
<td>MTH 648</td>
<td>Stochastic Calculus with Application to Finance</td>
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<td>MTH 649</td>
<td>Computational Methods of Finance</td>
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<td>ACC 670</td>
<td>Financial Reporting and Analysis</td>
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<td>ACC 672</td>
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<td>BSL 691</td>
<td>The Public Corporation: Legal Perspectives</td>
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<td>BSL 694</td>
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<td>MGT 621</td>
<td>High Performance Leadership</td>
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<td>RED 660</td>
<td>Urban Redevelopment</td>
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**Total Credit Hours**: 34

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**Plan of Study**

**Regular MSF Track**

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<th>Year One</th>
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<td>Course</td>
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<tr>
<td>FIN 683</td>
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**Spring**

<table>
<thead>
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<td>FIN 695</td>
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<td>Electives</td>
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</table>

Total Credit Hours: 20 + 14 = 34

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### Student Learning Outcomes

- Students will acquire the ability to apply appropriate analytical and quantitative models to a wide assortment of decisions encountered by finance professionals.
- Students will acquire the ability to write effectively in order to excel as a professional in the field of finance.
- Students will apply the financial concepts and quantitative and analytical techniques important to their chosen field of specialty, as defined by their Finance Internship (FIN 695) or Finance Capstone Project (FIN 696), in the solution of real-world problems.