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 appropriate elective courses that match their learning needs and areas of interest. Sample courses 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 Graduate Business Admissions at 305-284-2510, by email at msf@miami..edu, 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 credentialing 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 outlining your professional and/or academic achievements.
- At least one letter of recommendation is required. Up to three may be submitted.
- 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
    - Between the GMAT and GRE, there is no preference between the two tests for specialized masters' admissions.

- 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 Institution Code: 5815
    - IELTS - 7.0 or above Institution Code: 4861

If you do not yet have a GMAT or GRE score and/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.

Conditional Admission: If you have not achieved the minimum TOEFL or IELTS score but possess a strong academic performance you may be considered for conditional admission. A **minimal TOEFL score of 80 or an IELTS score of 6.5** is required to be considered for conditional admission. These students must successfully complete a 4-week Graduate Business English Certificate Course prior to matriculating in the academic program. Click here (https://ili.dcie.miami.edu/graduate-language-programs/business-english/) for more information about the English for Graduate Business English Certificate Course.

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 (124 credits) and allows the selection of elective courses (10 credits). and a career-related course (1 credit). A minimum of 24 STEM credits out of the 35 total program credits is required for graduation. 20 STEM credits are core courses and 4 credits in elective courses. The equivalence to 2 credits in experiential learning is mandatory for the Master of Science in Finance degree. Experiential learning is defined as "learning by doing." All students must take FIN696 (Capstone) to meet their experiential learning requirements.

Regular MSF Track

Code	Title	Credit Hours
Required STEM Core Courses		
ACC 600	Accounting for Decision-Making and Control	2
FIN 635	Quantitative and Analytical Fundamentals for Finance	4
FIN 643	Quantitative Finance and Market Microstructure	2
FIN 650	Financial Investment	2
FIN 652	Fixed Income Securities	2
FIN 670	Corporate Finance	2
FIN 683	Financial Modeling	2
FIN 685	Mathematics of Financial Derivatives	2
FIN 686	Behavioral and Social Finance	2
FIN 696	Finance Capstone Project	2
Other Required Core Courses		
BUS 610	Communicating for Career Success	2
MGT 697	Graduate Business Career Connect Course	1
Electives		**10**
Finance STEM Electives		
FIN 644	Real Estate Investment and Appraisal	
FIN 645	Real Estate Finance	
FIN 646	Real Estate Risk Analysis	
FIN 647	Introduction to ARGUS	
FIN 648	Advanced ARGUS	
FIN 651	Quantitative Stock Portfolio Management	
FIN 653	Alternative Investments	
FIN 654	Impact Investing	
FIN 655	Smif Fund Analyst I	
FIN 656	Sector Head for Student Managed Investment Fund	
FIN 657	Smif Fund Portfolio Manager I	
FIN 658	Chief Investment Officer	
FIN 660	International Finance	
FIN 668	Wealth Management and Financial Planning	
FIN 669	Asset Management Analytics	
FIN 671	Advanced Topics in Corporate Finance	
FIN 674	Mergers and Acquisitions	
FIN 679	Private Equity and Venture Capital	
FIN 680	FinTech	
FIN 681	Financial Institutions	
FIN 684	Advanced Financial Modeling	
FIN 690	Risk Management Insurance	
FIN 698	Selected Topics in Finance	
Other STEM Electives		
ECO 695	Global Economics	
Other Electives		

ACC 628	Introduction to Accounting Analytics	
ACC 670	Financial Reporting and Analysis	
ACC 672	Financial Statement Analysis	
BSL 694	Real Estate Law	
Total Credit Hours		**35**

The Professional MSF Track

Students may opt into the Professional MSF track should they have professional work experience within the finance field and cannot attend a full-time program. The potential list of electives is the same, but only some classes will be offered at night or weekends. It is assumed that these students would proceed at half the pace of the full-time program.

Code	Title	Credit Hours
Required STEM Core Courses		
ACC 600	Accounting for Decision-Making and Control	2
FIN 635	Quantitative and Analytical Fundamentals for Finance	4
FIN 643	Quantitative Finance and Market Microstructure	2
FIN 650	Financial Investment	2
FIN 652	Fixed Income Securities	2
FIN 670	Corporate Finance	2
FIN 683	Financial Modeling	2
FIN 685	Mathematics of Financial Derivatives	2
FIN 686	Behavioral and Social Finance	2
FIN 696	Finance Capstone Project (or an Approved Professional Practice Course or Research-Based Course)	2
Other Required Core Courses		
BUS 610	Communicating for Career Success	2
MGT 697	Graduate Business Career Connect Course	1
Electives		**10**
Finance STEM Electives		
FIN 644	Real Estate Investment and Appraisal	
FIN 645	Real Estate Finance	
FIN 646	Real Estate Risk Analysis	
FIN 647	Introduction to ARGUS	
FIN 648	Advanced ARGUS	
FIN 651	Quantitative Stock Portfolio Management	
FIN 653	Alternative Investments	
FIN 654	Impact Investing	
FIN 655	Smif Fund Analyst I	
FIN 656	Sector Head for Student Managed Investment Fund	
FIN 657	Smif Fund Portfolio Manager I	
FIN 658	Chief Investment Officer	
FIN 660	International Finance	
FIN 668	Wealth Management and Financial Planning	
FIN 669	Asset Management Analytics	
FIN 671	Advanced Topics in Corporate Finance	
FIN 674	Mergers and Acquisitions	
FIN 679	Private Equity and Venture Capital	
FIN 680	FinTech	
FIN 681	Financial Institutions	
FIN 684	Advanced Financial Modeling	
FIN 690	Risk Management Insurance	
FIN 698	Selected Topics in Finance	
Other STEM Electives		

ECO 685	Managerial Decisions in a Global Economy	
Other Electives		
ACC 628	Introduction to Accounting Analytics	
ACC 670	Financial Reporting and Analysis	
ACC 672	Financial Statement Analysis	
BSL 694	Real Estate Law	
Total Credit Hours		**35**

Plan of Study
Regular MSF Track

Year One		
Fall		**Credit Hours**
FIN 635	Quantitative and Analytical Fundamentals for Finance	4
FIN 650	Financial Investment	2
FIN 670	Corporate Finance	2
ACC 600	Accounting for Decision-Making and Control	2
MGT 697	Graduate Business Career Connect Course	1
FIN 643	Quantitative Finance and Market Microstructure	2
FIN 652	Fixed Income Securities	2
FIN 683	Financial Modeling	2
Elective		2
	Credit Hours	**19**
Spring		
BUS 610	Communicating for Career Success	2
FIN 686	Behavioral and Social Finance	2
Elective		2
FIN 696	Finance Capstone Project	2
FIN 685	Mathematics of Financial Derivatives	2
Elective		2
Elective		2
Elective		2
	Credit Hours	**16**
	Total Credit Hours	**35**

Plan of Study
Professional MSF Track

Year One		
Fall		**Credit Hours**
FIN 635	Quantitative and Analytical Fundamentals for Finance	4
FIN 650	Financial Investment	2
FIN 670	Corporate Finance	2
ACC 600	Accounting for Decision-Making and Control	2
MGT 697	Graduate Business Career Connect Course	1
FIN 643	Quantitative Finance and Market Microstructure	2
FIN 652	Fixed Income Securities	2
FIN 683	Financial Modeling	2
Elective		2
	Credit Hours	**19**
Spring		
BUS 610	Communicating for Career Success	2
FIN 686	Behavioral and Social Finance	2

Elective		2
FIN 696	Finance Capstone Project	2
FIN 685	Mathematics of Financial Derivatives	2
Elective		2
Elective		2
Elective		2
	Credit Hours	**16**
	Total Credit Hours	**35**

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. Students will apply their techniques and understanding by completing the many projects, experiential learning assignments, case analyses, and the solution of real-world problems.
- Students will demonstrate an understanding of career acceleration and lifelong learning strategies.