

# FINANCE (MBA/MSF)

Loyola students may choose to combine an MBA (<https://catalog.luc.edu/graduate-professional/business/next-generation-mba/>) with a Master of Science in Finance (MSF) (<https://catalog.luc.edu/graduate-professional/business/finance-msf/>) to provide the breadth and depth of knowledge often required of finance professionals.

## Curriculum

The dual degree in business and finance requires four fewer courses than if each degree were earned separately. Students completing the dual degree will earn an MBA (<https://catalog.luc.edu/graduate-professional/business/next-generation-mba/>) with a specialization in finance and an MSF degree (<https://catalog.luc.edu/graduate-professional/business/finance-msf/>).

A maximum gap of three years is allowed between the completion of one program and the start of the other.

Code	Title	Hours
<b>MBA Prerequisites</b>		
ISSCM 400N	Quantitative Methods I	0
ISSCM 402N	Quantitative Methods II - Statistics Primer	0
<b>MBA Introductory Courses</b>		
ACCT 400	Financial Accounting for Business Decisions	3
ECON 420	Managerial Economics <sup>1</sup>	3
FINC 450	Financial Management <sup>2</sup>	3
MARK 460	Marketing Management	3
SCMG 480	Intro to Operations Management	3
<b>Required MBA Core Coursework</b>		
FINC 470N	Business Finance	3
HRER 417N	Managing and Motivating in the Workplace	3
ISSCM 596N	Data Driven Decision Making	3
MARK 425N	Business Communication	1.5
MGMT 426N	Leadership Development	1.5
MGMT 430N	Strategy and Leadership	3
MGMT 431N	Business Consulting Course	3
MARK 470N	Research, Insights and Storytelling	3
<b>Ethics Course</b>		<b>3</b>
Select one of the following:		
INFS 795	Ethics and Data Analytics	
MGMT 441N	Business Ethics	
MGMT 446	International Business Ethics	
<b>MS Finance Core Coursework</b>		
FINC 452	Investment Management	3
FINC 620	Financial Mathematics and Modeling I	3
FINC 621	Financial Mathematics and Modeling II	3
FINC 622 / ECON 622	Derivative Securities	3
FINC 624	Interest Rate Risk Management	3
FINC 625 / ECON 625	Applied Econometrics	3
FINC 626	Credit Risk Management and Structured Finance	3
FINC 630	Capstone Master of Science Finance <sup>3</sup>	3
<b>MBA or MSF Electives</b>		<b>9</b>

ACCT 404	Financial State Analysis
FINC 453	Topics in Advanced Financial Management
FINC 455	International Financial Management
FINC 456	Management of Financial Institutions
FINC 553	Applied Portfolio Management
FINC 556	Investment Banking
FINC 628	Valuation

**Total Hours**

**72**

<sup>1</sup> Prerequisite: ISSCM 400N Quantitative Methods I

<sup>2</sup> Corequisite: ACCT 400 Financial Accounting for Business Decisions

<sup>3</sup> Must complete MSF Core before capstone.

## Dual Degree Programs

Students in dual degree programs are responsible for abiding by academic policies and graduation requirements of both academic units to which they are enrolled. It is strongly recommended that students schedule regular meetings with academic advisors from both units to ensure timely degree completion. Dual degree programs may have slightly different degree requirements from the standard for one or both of the degrees earned. Students should closely read through all degree requirements and ask for clarification as needed.

## Learning Outcomes for the MBA Learning Outcomes

Learning Goals for Master of Business Administration Program (MBA)

- Goal 1: Integrative Business Knowledge: Graduates will be proficient in integrating the techniques, processes, and procedures of the fundamental business disciplines (accounting, economics, finance, marketing, management, human resource management, operations management, and information technology). They will be able to apply theory, skills, and knowledge from these disciplines to business practice.
- Goal 2: Critical Decision Making: Graduates will demonstrate their capacity for critical analysis in processing, interpreting, and managing the quantitative and qualitative information necessary for effective managerial decision making.
- Goal 3: Ethics and Responsible Leadership: Graduates will understand how to be a leader in business who exhibits personal integrity, ethical awareness, and an ability to apply ethical principles to business practice.
- Goal 4: Global Perspective and Awareness of Diversity: Graduates will have a global perspective by recognizing international business issues and appreciating diversity, including culture, race, religion, and gender.
- Goal 5: Communication: Graduates will be able to communicate effectively, orally. Graduates will be able to communicate effectively, in writing.

## Learning Outcomes for the MSF Learning Outcomes

Our Master of Science in Finance program will provide you with specialized knowledge:

1. Learn the concepts of risk and return relationship, diversification, micro and macro structure of global capital markets, and tools for stock and bond portfolio optimizations.
2. Learn how to apply state-of-the-art techniques and models in the valuation of equities, fixed income, and derivatives securities such as options, interest and exchange rate swaps, collateralized debt obligations, among others.
3. Understand how to optimize a firm's financing and investment decisions in a global setting (debt-equity choices, asset-liability restructuring, capital budgeting, cost of capital, mergers and acquisitions, among others) to maximize its value and realize long-run growth opportunities.
4. Identify and assess a firm's risk from all sources both to mitigate threats using key risk management techniques (including options, swaps, and asset-liability duration) and exploit opportunities to realize competitive advantages.
5. Exhibit mastery of various statistical models and analytics, including simulation, econometrics, and financial mathematics to assess the financial consequences of actions by investors and firms.
6. Master emerging modeling techniques involving writing and implementing computer codes and pulling and working with data resources from different platforms, such as Bloomberg.
7. Learn effective communication skills aimed at shareholders, regulatory bodies, and the community at large.
8. Attain the knowledge needed to succeed in passing the examination requirements for professional certifications such as the Certified Financial Analyst (CFA), Certified Alternative Investment Analyst (CAIA), and Certified Financial Planner (CFP).
9. Incorporate transparency and social justice in all domestic and global financial decisions.