

# FINANCE (M.S.)

<https://paulcollege.unh.edu/academics/ms-finance>

## Description

The Master of Science in Finance, offered by the Peter T. Paul College of Business and Economics, develops students' abilities to provide solutions to the increasingly diverse and complex financial challenges of modern organizations. The program can be completed in one year of full-time study by students with undergraduate preparation in business, economics, and/or STEM fields and is open to others after appropriate foundation coursework. Designed to develop the highest levels of skill in financial modeling, investment analysis, evaluation, problem-solving, and communication of complex financial information, the program offers specialized training in one of three non-mandatory options: investments, financial analytics & fintech, or a student-designed track. Students will also develop strong understanding of ethical considerations and professional standards necessary in the field of finance and will be well-prepared for a variety of roles including corporate finance, investment banking, and start-up enterprises.

All admitted candidates must have completed certain foundation courses. These courses can be completed prior to entry or as part of the Master of Science in Finance program. These courses include:

Code	Title	Credits
ADMN 570	Introduction to Financial Management	4
ECON 401 or ECON 402	Principles of Economics (Macro) Principles of Economics (Micro)	4
ADMN 510 or MATH 425	Business Analytics and Statistics Calculus I	4

## Requirements

The Master's of Science in Finance (MSF) curriculum requires students to take a minimum of 10 classes (a total of **30 credits**), from which 8 are required core classes and 2 are electives. Students may choose to specialize their MSF degree in the *Financial Analytics & Fintech* option or the *Investments* option by completing an additional elective in that specialized area for a total of 11 classes (33 credits).

Code	Title	Credits
<b>Core Coursework</b>		
ACFI 801	Corporate Finance	3
ACFI 802	Investments	3
ACFI 806	Financial Modeling and Analytics	3
ACFI 870	Programming in Finance with Quantitative Applications	3
ACFI 871	Financial Theory	3
ACFI 872	Corporate Financial Reporting	3
ACFI 873	Cases in Finance	3
ACFI 874	Finance Experience	3
<b>Electives</b>		
Select 6-9 credits		6-9
<b>Total Credits</b>		<b>30-33</b>

Code	Title	Credits
<b>Elective Options/Specialization Areas</b>		
<i>Financial Analytics &amp; Fintech Option</i>		
Select three courses from the following:		
ACFI 810	Big Data in Finance	3
ACFI 807	Equity Analysis and Firm Valuation	3
ACFI 811	Investment Banking	3

ACFI 896	Topics (FinTech Venture)	3
<i>Investments Option</i>		
Select three courses from the following:		
ACFI 804	Derivative Securities and Markets	3
ACFI 805	Financial Institutions	3
ACFI 807	Equity Analysis and Firm Valuation	3
ACFI 811	Investment Banking	3
(or other approved electives in finance, decision sciences, economics, or statistics)		

### Student-designed option electives

Students can design their own option and choose their electives after obtaining the consent and approval of the MSF Director or director's designee.

### Non-option student electives

Students who prefer not to declare an option can choose any elective offered by the M.S. Finance program. However, without a study plan pre-approved by the MSF Director or director's designee, a student may only take one non-finance elective.

## Accelerated Master's

Our Accelerated Master of Science in Finance (MSF) option provides an opportunity for UNH undergraduate students to begin graduate study while completing a bachelor's degree—making you stand out among other job applicants with advanced skills and increasing your earning potential. Qualified students can begin earning graduate credit during their undergraduate programs, allowing them to maximize their time on campus and return on their educational investment.

### Eligibility:

- Current UNH undergraduate student with a GPA of 3.2 or higher.
- Apply **before** completing 90 undergraduate credits.
- Acceptance into the Accelerated Master's Program **before** taking 800-level courses.

### Accelerated MSF Requirements:

- Qualified students may complete up to 12 credits at the 800-level during their undergraduate studies, earning dual credit toward their B.S. and M.S. degrees.
- Once a qualified student matriculates into the MSF program (after completing undergraduate degree), the student will take a minimum of 18 additional credits to complete the 30 credit MSF program requirement.
- Students will be required to earn a B- or better in graduate courses to earn credits toward their degree.

### Approved Dual Credit Electives

To earn graduate credits, students need to enroll in the 800-level sections of approved dual credit courses. The 800-level sections require additional work beyond the requirements for the undergraduate versions. The following is the list of approved dual credit courses for the accelerated path in the MSF program:

Code	Title	Credits
ACFI 801	Corporate Finance (unless FIN 701 already taken)	3
ACFI 802	Investments (unless FIN 702 already taken)	3
ACFI 804	Derivative Securities and Markets	3
ACFI 806	Financial Modeling and Analytics	3
ACFI 870	Programming in Finance with Quantitative Applications	3

Within the accelerated option, Finance option students can complete both the BSBA and MSF in 4.5 years. Please seek more details from the MSF Director and/or Finance Department Chair and apply for accelerated master's admission **before** reaching 90 undergraduate credits.

## Student Learning Outcomes

### Program Learning Outcomes

- Students will demonstrate knowledge of core content areas of finance.
- Students will demonstrate the ability to articulate advanced issues in finance and apply them in a business context.
- Students will demonstrate an understanding of the preparation and usage of financial statements.
- Students will demonstrate the ability to solve complex financial problems.
- Students will demonstrate an understanding of the ethical dimensions of decision making in a global business environment.
- Students will demonstrate effective oral and written communication skills in business decisions and environments.
- Students will demonstrate the ability to extract, cleanse and analyze financial data using statistical software or programming tools.