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 or two years of part-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, valuation, problem-solving, and the 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.

Please note that full-time enrollment typically begins with entry in late June, with a full summer course load in an 8-week summer term.

Upon admission to the program, all full-time and 18-month students are required to complete at least eight required courses and three track elective courses. Part-time students take six required courses and four track electives.

All admitted candidates must have completed certain foundation courses. If you have not yet completed these courses, you can take them as part of the Master of Science in Finance program. These courses include:

- ADMN 570 Introduction to Financial Management
- ECON 401 Principles of Economics (Macro) or ECON 402 Principles of Economics (Micro)
- ADMN 510 Business Statistics or MATH 425 Calculus I

Requirements

The program is offered in two formats: full-time in 12 or 18 months or part-time in 24 months. The eight core courses below are required for full-time students. Students in the two-year part-time program do not take ACFI 874 Finance Experience; they take either ACFI 871 Financial Theory or ACFI 873 Cases in Finance. Students in the 18-month program could take an Internship and/or ACFI 874 Finance Experience. The program requires the completion of at least 33 credits for full-time or 30 credits for part-time.

Core Coursework

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACFI 801</td>
<td>Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>ACFI 802</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>ACFI 806</td>
<td>Financial Modeling and Analytics</td>
<td>3</td>
</tr>
<tr>
<td>ACFI 870</td>
<td>Programming in Finance with Quantitative Applications</td>
<td>3</td>
</tr>
<tr>
<td>ACFI 871</td>
<td>Financial Theory</td>
<td>3</td>
</tr>
<tr>
<td>ACFI 872</td>
<td>Corporate Financial Reporting</td>
<td>3</td>
</tr>
</tbody>
</table>

Select an option or electives below: 9 credits for full-time or 12 credits for part-time

### Financial Theory Options

- ACFI 804: Financial Institutions
- ACFI 805: Business Statistics
- ACFI 806: Corporate Financial Reporting

### Investments Options

- ACFI 807: Equity Analysis and Firm Valuation
- ACFI 808: Mortgage Banking and Fixed Income Securities
- ACFI 809: Corporate Financial Reporting

### Financial Analytics & Fintech Options

- ACFI 810: Big Data in Finance
- ACFI 896: Topics (Hedge Fund Analytics)

### Student-designed option electives

Option and coursework chosen by student with consent and approval of the MSF Director or his or her designee.

All admitted candidates must have completed up to three (3) foundation courses, depending on academic background. If you have not yet completed these courses, you can take them as part of the Master of Science in Finance program.

### Student Learning Outcomes

- Students will demonstrate knowledge of core content areas of finance.
- Students will demonstrate an understanding of advanced issues in finance.
- 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 environment.
- Students will demonstrate effective oral and written communication skills.
- Students will demonstrate the ability to extract, cleanse and analyze financial data using statistical software or programming tools.