

Finance

8 to 9 Elective Hours

The Finance specialization provides a rigorous set of courses designed to develop the skills and provide the conceptual and practical knowledge base necessary to prepare students for careers in investment management and corporate finance, including portfolio management and investment analysis, banking, industry and the consulting profession. The specialization develops an in-depth understanding of the valuation of various types of financial securities, asset pricing and management, risk management, financial modeling, corporate financial decision-making, financing of firms, and financial reporting and analysis. The specialization provides opportunities for hands-on experience through two unique courses one in which students manage a real-dollar equity fund and a second in which they manage a fixed-income (bond) portfolio.

REQUIRED COURSES:

FIN 5322 Derivative Securities and Markets (prerequisite FIN 5302)

Derivative securities, such as futures, forwards, option, and swaps are studied and analyzed along with their uses in investments, banking, portfolio management, and risk management by non-financial businesses. We will study how futures, swap, and option contracts are constructed, how they are valued and how they are used for speculation, hedging, and risk management. Particular attention is paid to energy derivatives and especially natural gas derivatives.

***FIN 5342 Advanced Corporate Finance (prerequisite FIN 5312)**

This course is intended for students aspiring to careers in financial management in corporations, banks and other financial institutions. It is designed to strengthen the corporate finance framework developed in 5312 (Corporate Finance) and extend it into the realm of real world applications. The course will cover a broad range of topics that are relevant to the corporate financial management function, including advanced capital project evaluation, financing, dividends and other corporate financial decisions, corporate risk management, and mergers, acquisitions and corporate restructuring. While the course will be rigorous and solidly grounded in the conceptual aspects of corporate finance, including current research. The course will provide a thoroughly applied perspective on the topics covered.

FIN 5362 Fixed Income Fund Management

The aim of this course is to develop an intellectual and practical understanding of the principles governing the valuation of fixed income securities and their derivatives, the main problems and issues relevant in the management of interest rate risk, and the organization and structure of debt markets, all from the perspective of fixed income fund management. The course is at the cutting edge of both theory and practice. Students in the class also manage a \$5 million fixed income fund, thanks to an educational project of the Bank of Oklahoma. This sum is invested in accordance with the recommendations of this class.

And any ONE of the following:

FIN 5613 Student Investment Fund (application required)

The management of a real dollar portfolio of common stocks using the value style approach. Emphasis is on the application of fundamental analysis. Frequent class presentations are required.

ACCT 5352 Financial Statement Analysis (prerequisite ACCT 5202)

Intended to increase your ability to use and make decisions using information presented in the financial statements of publicly traded companies. A number of different decision contexts will be examined including valuation of potential acquisitions, investment analysis, credit analysis, managing corporate financing policies and analyzing business communications. Will consider the role of both accounting and non-accounting information.

****FIN 5352 International Financial Management (prereq. FIN 5302/5312)**

This course will provide an integrated perspective on the topics of foreign currency and exchange rates, international financial linkages, international financial markets, and investment, financing and risk management in a global context. The first half of the course develops the analytical framework required for understanding the interactions between exchange rates, and cross-border trade and capital flows, inflation, interest rates, economic growth, and government policy. This framework will be used to study exchange rate systems and policies, and their implications, especially in the context of recent exchange rate developments. Related topics such as exchange rate determination and forecasting will also be discussed. The second half of the course examines international financial markets, and the opportunities they present for achieving risk management, financing, and investment objectives. The principal focus will be on financial instruments used for these purposes in international financial markets.

**Students simultaneously pursuing the Energy and Finance specializations must substitute FIN 5202 for FIN 5342 and cannot receive credit for both courses*

***Not available as part of the Finance specialization to students also pursuing the Risk Management specialization*

| Module 1 Mid-August – Mid-October | Module 2 Mid-October – Mid-December | Module 3 Mid-January – Mid-March | Module 4 Mid-March – Mid-May |
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| 1st Year → | | FIN 5322 Derivative Securities and Markets | FIN 5342 Advanced Corporate Finance |
| | | | ACCT 5352 Financial Statement Analysis |
| | | | ~ FIN 5202 Energy Corporate Finance |
| | | FIN 5613 Student Investment Fund (offered spring and fall semesters) | |
| FIN 5362 Fixed Income Fund Management | FIN 5352 International Financial Management | ← 2nd Year | |
| FIN 5613 Student Investment Fund (offered spring and fall semesters) | | | |

~Applicable only to students simultaneously pursuing Energy and Finance specializations