

# FINANCE

The Finance program at the Dolan School of Business is designed to develop individual competency in the financial theory and tools necessary to conduct sound financial analysis to support the financial decision-making of individuals and organizations. Through the use of lecture, case studies, and computer-based problem solving and simulation, the finance major blends financial theory and practice.

Business core coursework includes accounting and financial reporting, business organization, production and operations, management, marketing, information systems, business law, and ethics. Major courses focus on financing and investing decision-making at the level of the individual and organizations.

## Programs

- Finance Major (<https://catalog.fairfield.edu/undergraduate/business/finance/finance-major>)
- Finance Minor (<https://catalog.fairfield.edu/undergraduate/business/finance/finance-minor>)

## Courses

### FI 0101 Introduction to Finance 3 Credits

**Fee:** \$110 DSB Computer Lab Fee

**Prerequisites:** AC 0011, EC 0011, EC 0012, one math course, sophomore standing.

This course provides the building blocks for understanding the role of finance in the domestic and international environments. Specifically, in a qualitative and quantitative manner, this course addresses the three interrelated fields of finance, namely: financial markets, investments, and business finance.

### FI 0190 Personal Finance 3 Credits

This course for non-majors covers financial decision-making from a personal standpoint. The course examines investments including stocks, bonds, housing purchases, and mutual funds with an emphasis on the elementary financial principles of risk and return. Other topics include life, health, and other insurance needs, and pension and estate planning.

### FI 0200 Global Capital Markets 3 Credits

**Prerequisites:** FI 0101, junior standing.

This course surveys a variety of financial instruments, institutions, and markets from a global perspective and covers the relationship between financial intermediaries and central banks. Students review the use of traditional and new financial instruments in the context of the specific markets they serve.

### FI 0210 Principles of Investment 3 Credits

**Prerequisites:** FI 0101, junior standing.

This course offers a general view of the operation of security markets and the factors that influence security prices. Further, it includes basic analysis and valuation of stocks, bonds, options, and futures. The course also provides an introduction to the tools and techniques that can be used to measure performance, manage risk, and construct efficient portfolios.

### FI 0215 Financial Management 3 Credits

**Prerequisites:** FI 0101, junior standing.

This course examines the role of financial managers in the context of the firm. The course covers the theory and operationalization of the major financial decisions faced by financial managers. Major topics include optimal financial decision-making, capital budgeting, financing, and cash distribution decisions within the framework of firm value maximization.

### FI 0240 International Finance 3 Credits

**Prerequisites:** FI 0215, junior standing.

This course deals with the international aspects of corporate finance. Topics include foreign exchange with emphasis on exchange rate determination, exchange rate risk management, international money and capital markets, international capital budgeting, cost of capital, and international trade financing.

### FI 0300 Seminar in Fixed Income 3 Credits

**Prerequisite:** FI 0210 or FI 0215.

This course provides an in depth analysis of fixed income securities and markets. The primary focus of the course is the analysis and valuation of fixed income securities. The course also provides an overview of fixed income markets and an introduction to fixed income portfolio management. Topics to be discussed include interest rate exposure (duration and convexity), credit risk analysis, hedging with swaps and futures, and the term and credit structure of interest rates.

### FI 0305 Financial Trading and Strategic Simulations 3 Credits

**Attributes:** BUEL Business Elective, FIEL Finance Elective

**Prerequisites:** FI 0210, FI 0215.

In this course, students will be introduced to the forces at work that create a market for various types of financial securities. The emphasis of the course will be to understand the microstructure of financial markets and to investigate the risks and returns of various trading strategies. Students who complete the course satisfactorily will be able to design and execute trading strategies with a firm understanding of their potential outcomes.

### FI 0310 Portfolio Analysis 3 Credits

**Prerequisites:** FI 0210, junior standing.

This course deals with the principles and applications of modern portfolio theory from the point of view of both the institutional and the individual investor. More specifically, the course analyzes portfolio objectives, efficient portfolio construction, performance evaluation, and portfolio risk management using derivatives.

### FI 0315 Futures and Options Markets 3 Credits

**Prerequisites:** FI 0210, junior standing.

This course deals with options and futures on financial assets, as well as commodities. The course covers the basic uses of these instruments and the various pricing methodologies based on equilibrium conditions.

### FI 0320 Financial Modeling 3 Credits

**Prerequisites:** FI 0210 or FI 0215; junior standing.

In this course, students will build financial models in a spreadsheet environment. Emphasis is placed on the use of financial models to conduct quantitative analysis and aid in decision making using advanced spreadsheet analytical tools and commands including simulation. The modeling assignments cover a wide range of topics in corporate finance and investment topics. The course requires group work and a final project.

**FI 0325 Seminar in Real Estate****3 Credits****Attributes:** FIEL Finance Elective**Prerequisites:** FI 0210 or FI 0215; junior or senior standing.

This course provides an in depth analysis of real estate debt and equity markets. Both primary and secondary markets will be studied. The course will cover the following topics: analysis of real estate markets; valuation of residential and commercial real estate; investment and financing of residential and commercial real estate property; application of financial mathematics to the calculation of payment streams, outstanding loan balances, equity returns and other basic financial measurements; secondary mortgage market securitization and the market for residential and commercial mortgage backed securities; Real Estate Investment Trusts.

**FI 0330 Case Studies in Finance****3 Credits****Prerequisites:** FI 0210, FI 0215, senior standing.

This course examines and applies the principles developed in financial management and investments in a domestic and international context with the objective of integrating finance practice and theory using case studies.

**FI 0391 Internship****3-4 Credits****Prerequisite:** Junior standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher.

**FI 0392 Internship****3 Credits****Prerequisite:** Junior standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher.

**FI 0393 Internship****1 Credit****Prerequisite:** Junior standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher.

**FI 0394 Internship****1 Credit****Prerequisite:** Junior standing.

Students may take up to two semesters of a department-approved internship. Students must have a GPA of 2.5 or higher.

**FI 0397 Seminar in Finance****3 or 6 Credits****Attributes:** FIEL Finance Elective**Prerequisites:** FI 0210, FI 0215; Senior standing.

This is a special program that involves contemporary or specialized topics in finance and may be offered as an independent study format under faculty guidance. Students must have a GPA of 2.5 or higher. Finance majors only.

**FI 0398 Seminar in Finance****3 or 6 Credits****Prerequisites:** FI 0210, FI 0215; Senior standing.

This is a special program that involves contemporary or specialized topics in finance and may be offered as an independent study format under faculty guidance. Students must have a GPA of 2.5 or higher. Finance majors only.

Hlawitschka  
Martinez  
McDermott, *chair*  
Zhang

## Assistant Professors

Alan  
Kozlowski  
Looby (Visiting)  
McDonald  
Puleo

## Lecturers

Harrity  
Jenkins  
Parisi  
Richardson  
Van Ness

## Faculty

### Professors

Conine  
Koutmos

### Associate Professors

Bardos