

## **Course overview**

### **Global Financial Markets**

This course is an introduction to global financial markets. We will discuss the instruments traded in the markets, the institutions that support and frame the markets, the trading mechanisms, and the regulatory structure. The course is descriptive and conceptual, with a goal of familiarizing you with the breadth and scope of equity, debt, and derivative markets. We will discuss recent developments in the United States and the development of financial markets globally.

### **Corporate Finance**

Corporate finance is the area of finance dealing with the sources of funding and the capital structure of corporations, the actions that managers take to increase the value of the firm to the shareholders, and the tools and analysis used to allocate financial resources. The primary goal of corporate finance is to maximize or increase shareholder value. Though it is in principle different from managerial finance, the main concepts in the study of corporate finance are applicable to the financial problems of all kinds of firms.

### **Financial Econometrics**

This course is designed to introduce students to econometrics, the field of economics which develops the methods by which statistical tools are employed in empirical research. We will focus on estimation and inference in the context of the most widely used methodology, linear regression analysis of a single equation. Students completing the course will gain an understanding of the analytical foundations of econometric analysis as well as acquiring significant hands-on experience with data analysis and the economic interpretation of empirical findings.

### **Financial Modeling**

In this course you will learn to develop the type of financial models that corporations, investment and commercial banks, and consulting firms use every day to analyze a wide range of practical financial problems and make a variety of decisions.

### **International Financial Management**

The goal of this course is to explain the concepts of corporate finance and their applications in an international setting. We will examine opportunities and problems that are faced specifically by multinational and foreign corporations and will compare corporate finance practices around the world. Topics covered in the course include foreign-exchange rate mechanics, international parity theories, forecasting and hedging, international cost of capital, capital budgeting, capital structure, and valuation of foreign investments.