COURSE DESCRIPTIONS 科目簡介

COURSES FOR 4-YEAR UNDERGRADUATE PROGRAMMES

FIN2200 Corporate Finance (3 credits)
(Prerequisite: BUS2201 Financial Management)
Building on core Financial Management course, this course further elaborates the theory and practice of corporate finance. The topics addressed in this course include the concept and techniques of valuation of cash flows, capital budgeting decisions, risk and return, cost of capital, capital structure theories and decisions, dividend theories and policy, working capital management, and corporate restructuring.

FIN2201 Hong Kong Monetary and Financial Systems (3 credits)
(Prerequisite: BUS2201 Financial Management)
This course provides students with a basic understanding of the monetary and financial system in Hong Kong and their recent development, as well as comparison between Hong Kong and other major financial markets. It covers topics related to various capital markets, money supply process, conduct of monetary policies, currency board system, international financial centers and the functions and innovation of financial markets and financial institutions.

It also helps students understand the basic economic concepts and theories related to financial markets and financial institutions as well as financial instruments.

FIN2202 Introduction to Financial Technology (3 credits)
(Prerequisite: BUS2201 Financial Management)
This course introduces Financial Technology (FinTech), covering key innovations, trends, and industry applications. Students will explore the disruptive impact of digital financial services, including blockchain, AI-driven financial decision-making, and digital payments, focusing on real-world case studies and regulatory challenges.

FIN2250 Introduction to Financial Econometrics (3 credits)
(Prerequisite: BUS2201 Financial Management)
This course provides an intensive introduction of basic principles of econometric analysis that may help students understand finance theories and their empirical applications. In addition, it also equips students with appropriate statistical techniques for doing applied financial research.

The emphasis will be on developing and applying regression-based techniques in either cross-sectional or time-series context. Their usefulness will also be examined in the light of financial studies.

FIN2251 Practical Personal Investment (3 credits)
(Restriction(s): Students who have taken or are concurrently enrolled in FIN2300 Investment and Portfolio Management are not allowed to take this course.)
This course introduces students to the basic background and issues of personal investment and helps them understand the relevant fundamental concepts and principles. The topics addressed include the setting of investment and security analysis; efficient market hypothesis; survey of investment instruments and valuation methods; portfolio theories; asset pricing models; bond portfolio management, term structure of interest rates; and measurements of portfolio performance. This is a self-contained and non-technical introductory course to all students interested in personal investment and wealth management.

FIN2300 Investment and Portfolio Management (3 credits)
(Prerequisite: BUS2201 Financial Management)
This course helps students understand the key concepts and principles of investment and portfolio management, which build a solid foundation for career pursuit and further study. The course consists of four main parts. Part One is an overview of the market institution features of the financial market. It introduces the product and trading operations of major financial instruments as well as the market institutions in which they are traded. Part Two covers the foundation of modern portfolio theory. It provides the analytical framework for optimal asset allocation according to the risk and return characteristics of individual securities and the risk preference of investors. Part Three applies the modern portfolio theory from Part Two to develop two theories of equilibrium asset returns, namely Capital Asset Pricing Model (CAPM) and Arbitrage Pricing Theory (APT) that investment managers can use to value securities, and introduces efficient market hypothesis. Part Four covers security analysis and performance evaluation, including equity valuation and bond portfolio management.

FIN3001 Regulatory Technology and Compliance in Finance (3 credits)
(Prerequisite: BUS2201 Financial Management)
This course introduces Regulatory Technology (RegTech) as a response to the growing complexity of financial regulation in the digital age. Students will explore the rationale for financial regulation, including systemic risk, consumer protection, and market integrity. The course then examines how Regulatory Technology (RegTech) and Supervisory Technology (SupTech) are reshaping compliance, reporting, and supervision using innovative technologies such as AI, machine learning, and blockchain. Key regulatory domains such as Know Your Customer (KYC), anti-money laundering (AML), data governance, and cybersecurity are studied alongside case studies and international developments. The course balances practical insights with critical evaluation, preparing students to navigate the evolving compliance landscape in global finance.

FIN3352 International Financial Management (3 credits)
(Prerequisite: BUS2201 Financial Management)
(Restriction(s): Students are not allowed to take both this course and ECO4306 International Finance.)
This course provides students with the principles and techniques relevant to financial planning, risk management, investment, capital raising and performance appraisal for multinational business operations.

FIN3353 Management of Financial Institutions (3 credits)
(Prerequisite: FIN2201 Hong Kong Monetary and Financial Systems)
This course provides students with the insight into the products and services, goals and objectives, internal problems and strategic development, and financial risks faced by different types of financial institutions. The course accomplishes this insight by (i) profiling the financial, operating, and organisational characteristics of each type of financial institution, and (ii) examining the services and products offered by these firms to the public. (iii) introducing the basis tools for measuring and managing different kinds of financial risks. The emphasis of the course is placed on commercial bank management.

FIN3355 Derivative Securities and Hedging Strategies (3 credits)
(Prerequisite: FIN2300 Investment and Portfolio Management)
The course will introduce the concepts and terminologies of financial derivatives and cover the theory and practice of pricing and hedging derivative securities. Students will critically study the important features of the trading and hedging strategies of various derivatives as well as the models and methodologies to price standard derivatives. Some emphasis is put on the investment uses of derivatives and methods employed in managing and controlling derivative risks.

FIN3356 Fixed Income Securities (3 credits)
(Prerequisite: FIN2300 Investment and Portfolio Management)
The course is designed to provide a description and analysis of fixed income securities. It covers the broad topical areas of: (i) the institutions, instruments, and operations of fixed income securities markets; (ii) the analysis and valuation of fixed income securities; (iii) the analysis of interest rates and term structure; (iv) interest rate related derivative instruments and how to use these contracts to reduce risk exposure and enhance the yields of fixed income portfolios. Class lectures will focus on the theoretical aspects of these securities and will use currently offered fixed interest products to illustrate the theories.

FIN3357 Real Portfolio Management (3 credits)
(Prerequisite: Obtained grade B or above in FIN2300 Investment and Portfolio Management)
This is a capstone investment course where students will apply all the finance theories they have learnt to manage an investment portfolio. Students will be assigned into teams that will cover different industry sectors and they will submit research reports on sectors and companies. Students will make investment recommendations, participate in stock selection, and carry out all the duties involved in managing the fund. The primary purpose of the course is to educate motivated students in the areas of equity research, valuation, stock selection, portfolio management, execution, and performance evaluation.

Lectures will be complemented by guest speakers who will provide their perspectives on investment and discuss the latest innovations in financial products. While the course is highly practical, students will also acquire knowledge that will benefit them in preparing for the CFA examination.

FIN4001 Capstone Project 2 Financial Innovation and Implementation (3 credits) (from 2030-31)
(Prerequisites: FIN2202 Introduction to Financial Technology; CDS4107 Capstone Project 1 – AI-Enabled Innovation and Design)
Capstone Project 2 is the second phase of a two-part, team-based capstone sequence that builds on the problem framing and conceptual design developed in Capstone Project 1. Student teams implement and integrate a working proof-of-concept or prototype in a FinTech/AI context, applying interdisciplinary knowledge to deliver an applied business solution to a professional standard. Through structured activities such as implementation planning and project management, technical development and system integration, testing and evaluation using appropriate evidence and metrics, and preparation of an implementation and adoption plan, student teams produce a complete capstone delivery package. The course also requires consideration of practical constraints and responsible professional practice, including key risks and relevant ethical, legal, and compliance issues (e.g., model risk, data governance, privacy, and security). An assigned academic supervisor supports each team, and teams may receive formative input from industry mentors where feasible. To provide continuity, teams normally carry forward the same project theme and proposal from Capstone Project 1 into Capstone Project 2, refining scope based on feedback and practical constraints.

FIN4351 Advanced Financial Theory (3 credits)
(Prerequisite: FIN2300 Investment and Portfolio Management)
This course provides an intensive survey of selected finance theories, seeking to explain the development of these theories as well as their applications and limitations.

The emphasis will be on the intuition and applications of these theories rather than on the mathematical derivation and technicality.

FIN4399 Selected Topics in Finance (from Term 2, 2024-25)/ **Special Topics in Finance** (in Term 1, 2024-25 or before) **(3 credits)**
(Prerequisite: To be decided according to the chosen special topics)
The course will cover one or more of the selected topics in finance which are important but are not thoroughly addressed in other courses within the finance programme. Selected topics encompass but are not limited to behavioral finance, green finance, fintech, mergers and acquisitions, private equity/venture capital, and case studies in finance. Emphasis should be put on practical aspects while conceptual and theoretical framework would be covered as a foundation.