

# FINANCE (FIN)

## FIN 1010 Introduction to Personal Finance 3 cr

This course covers the basic concepts, principles, and practices related to personal finance. Based on the time value of money principles, this course teaches basic methods and skills to assess and manage personal financial issues related to various aspects of life such as tax, banking, home, insurance, investment, and retirement. Not for credit in B.Comm. (Hons.) program.

**Attributes:** Mathematics Requirement, Recommended Intro Courses

## FIN 2010 Introduction to Finance 3 cr

(Lab required). An introduction to finance regarding the allocation and acquisition of funds. Topics include discounted cash flows, capital budgeting, financial instruments, cost of capital, risk-return trade-offs, market efficiency, and ethics issues. May not be held with FIN 2200 or FIN 2201.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: [ACC 1100 (D) or ACC 1101 (D)] and [one of MATH 1230, MATH 1500, MATH 1501, MATH 1510, the former MATH 1520, or MATH 1524] and [STAT 1000 or STAT 1001 or STAT 1150] and [(ECON 1010 (or ECON 1011) and ECON 1020 (or ECON 1021)) or the former ECON 1200 (or the former ECON 1201)].

**Mutually Exclusive:** FIN 2200, FIN 2201

## FIN 2200 Corporate Finance 3 cr

(Lab required) An introduction to corporate finance regarding the allocation and acquisition of funds. Topics include discounted cash flows, capital budgeting, financial instruments, cost of capital, risk-return trade-offs, market efficiency, capital structure and the use of derivatives. May not be held with FIN 2201 or FIN 2010.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: [ACC 1100 (D) or ACC 1101 (D)] and [one of MATH 1230, MATH 1500, MATH 1501, MATH 1510, the former MATH 1520, or MATH 1524] and [STAT 1000 or STAT 1001 or STAT 1150] and [(ECON 1010 (or ECON 1011) and ECON 1020 (or ECON 1021)) or the former ECON 1200 (or the former ECON 1201)].

**Equiv To:** FIN 2201

**Mutually Exclusive:** FIN 2010

## FIN 2420 Financial Risk Management 3 cr

The fundamental concepts, principles, and practices related to financial derivatives and risk management.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: (FIN 2200 (C+) or FIN 2201 (C+) or FIN 2010 (C+)) and (one of MATH 1220, MATH 1300, MATH 1301, MATH 1310, or MATH 1524) and (one of STAT 1150, STAT 2000, STAT 2001, or STAT 2150).

## FIN 3010 Fixed Income Securities 3 cr

This course introduces students to fixed income securities and markets and prepares students for writing the fixed income parts of the Chartered Financial Analyst exams. Topics covered include debt securities, risks of investing in bonds, the pricing of fixed income securities, the measurement of interest rate risk, the term structure and volatility of interest rates, mortgage backed and asset-backed securities, the valuation of mortgage-backed and asset-backed securities, credit analysis and interest rate derivatives etc.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 2420 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

## FIN 3020 Portfolio Management 3 cr

This course explores the theory and practice of portfolio management and prepares students for writing the portfolio management parts of the Chartered Financial Analyst exams. Topics covered include asset allocation, currency management, fixed income portfolio management, equity portfolio management, risk management and application of derivatives, execution of portfolio decisions, monitoring and rebalancing, and performance evaluation.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 2420 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

## FIN 3030 Professional Financial Ethics 3 cr

The course prepares students to be ethical in professional conduct in general, with specific focus on finance, and preparing students for the ethical component in Chartered Financial Analysts examinations.

## FIN 3240 Entrepreneurial Finance 3 cr

Study of entrepreneurial finance, addressing both investment and financing decisions of new ventures, covering both in theory and in practice. May not be held with FIN 3470.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 2010 (D) or FIN 2200 (D) or FIN 2201 (D).

**Mutually Exclusive:** FIN 3470

## FIN 3270 Personal Financial Planning 3 cr

An introduction to financial planning techniques used in professional practice. Topics include financial assessment, income tax planning, risk management, insurance, debt and credit management, investments, retirement planning, estate planning, and ethics issues.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 2010 (D) or FIN 2200 (D) or FIN 2201 (D).

## FIN 3400 Investment Banking 3 cr

The practice and theory of investment banking including valuation, initial public offerings, mergers and acquisitions, and restructuring.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 3480 (D) or FIN 3481 (D).

## FIN 3410 Investments 3 cr

An introduction to investment analysis and modern portfolio theory.

Topics include equilibrium in the capital markets, fixed income securities, equities and derivative instruments. May not be held with FIN 3411.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: [FIN 2200 (C+) or FIN 2201 (C+) or FIN 2420 (C+)] and [one of MATH 1220, MATH 1300, MATH 1301, MATH 1310, or MATH 1524] and [STAT 2000 or STAT 2001 or STAT 2150].

**Equiv To:** FIN 3411

## FIN 3420 Security Analysis 3 cr

This course provides a practical application of techniques to analyse a company for investment purposes and evaluate purchases of stock and fixed-income securities. Topics include financial statement analysis, ratio analysis, alternative methods for forecasting corporate profits and dividends, risk assessment, and valuation techniques.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: FIN 2010 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

## FIN 3440 Real Estate Investments 3 cr

An introduction to real estate finance. Topics include valuation, financing, transaction, tax and legal issues.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: FIN 2010 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

**FIN 3450 International Finance 3 cr**

An introduction to the theory of comparative advantage, foreign exchange markets, international parity relations, international debt and equity markets, international debt operating exposures, and international capital budgeting. The course also helps students prepare for the international finance parts of the Chartered Financial Analyst exams. May not be held with FIN 3451.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 2200 (C+) or FIN 2201 (C+) or FIN 2420 (C+).

**Equiv To:** FIN 3451

**FIN 3460 Financial Markets and Institutions 3 cr**

A study of financial systems with emphasis on Canada. Major topics include monetary policy, financial markets, financial institutions, financial regulation and risk management. May not be held with ECON 3640 or ECON 3641.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: FIN 2010 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

**Mutually Exclusive:** ECON 3640, ECON 3641

**FIN 3480 Corporate Finance Theory and Practice 3 cr**

Intermediate Corporate Finance including the following topics: Capital budgeting theory and techniques, determination of relevant cost of capital, capital structure, dividend policy, leasing, and other special topics. May not be held with FIN 3481.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: [FIN 2200 (C+) or FIN 2201 (C+) or FIN 2420 (C+)] and [one of MATH 1220, MATH 1300, MATH 1301, MATH 1310, or MATH 1524] and [one of STAT 1150, STAT 2000, STAT 2001, or STAT 2150].

**Equiv To:** FIN 3481

**FIN 4230 Selected Topics in Finance 3 cr**

A study of current issues in finance. Topics considered will depend on the interests and needs of the participants.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 2200 (C+).

**Mutually Exclusive:** FIN 4240

**FIN 4240 Financial Modeling 3 cr**

Spreadsheet implementation of practitioner-oriented financial models. The course helps students prepare for the quantitative parts of the Chartered Financial Analyst exams. May not be held with FIN 4230 when titled "Financial Modeling."

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 3410 or FIN 3411.

**Mutually Exclusive:** FIN 4230

**FIN 4250 Behavioral Finance 3 cr**

Students will gain an understanding of how human biases impact the financial decisions of market participants and the practical implications. The course helps students prepare for the behavioral finance parts of the Chartered Financial Analyst exams.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 2010 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

**FIN 4260 Advanced Finance Theory 3 cr**

Theories that provide the foundation for modern corporate finance. Empirical tests of finance theories. Implications for managers.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: (FIN 3410 (D) or FIN 3411 (D)) and (FIN 3480 (D) or FIN 3481 (D)).

**FIN 4270 Options and Futures 3 cr**

Mechanics of futures, options and swaps markets. Topics include arbitrage, hedging, forward rate agreements, models of derivative valuation and value-at-risk.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 3410 (D) or FIN 3411 (D).

**FIN 4400 Financial Management Practices 3 cr**

Application of theoretical models in finance to real-world problems using cases. Topics include working capital management, long-term investment and financing decisions, valuation, risk management, reorganizations and international financial management.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: FIN 3480 (D) or FIN 3481 (D).