Graduate Certificate in Business (Applied Finance) (BS39)

Year offered: 2013  
Admissions: Yes  
CRICOS code: 031769E  
Course duration (full-time): 6 months  
Course duration (part-time): 1 year  
Domestic Fees (indicative): 2013: $10,200 (indicative) per 48 credit points  
Student Services and Amenities Fee  
You’ll need to pay the Student Services and Amenities Fee (SSAF) as part of your course costs. More information on the SSAF - http://www.student.qut.edu.au/fees-and-finances/study-costs/fee-schedule/table-1-student-services-and-amenities-fee

Start month: February, July  
Deferment allowed: No  
Total credit points: 48  
Standard credit points per full-time semester: 48  
Standard credit points per part-time semester: 24  
Course coordinator: Enquiries to Business Student Services on 3138 2050 or email bus@qut.edu.au  
Discipline coordinator: Dr David Willis  
Campus: Gardens Point  
Attendance: Part-time, Full-time  
Additional Requirements:  
For the Applied Finance specialisation the entry requirements are an undergraduate degree or equivalent in any field, with an overall minimum GPA of 4.0 (on a 7-point scale).

The Applied Finance discipline is designed for people with no or limited academic background in finance. Holders of an undergraduate degree in Finance interested in the Applied Finance discipline are invited to contact the Discipline Coordinator in the School of Economics and Finance to determine if an individualised advanced finance program plan can be developed.

Course highlights  
- Choose a multidisciplinary specialisation, which allows you to select from any discipline area to suit your personal requirements.  
- Opportunities to progress on to the Master of Business.  
- Complete in 1 semester full-time or 2 semesters part-time.

Details:  
The specialisations you can choose in the Graduate Certificate in Business offer a targeted group of units to broaden your knowledge in your selected business discipline. 
The Graduate Certificate in Business is an excellent re-introduction to tertiary learning and an opportunity to update skills or, as one-third of the Master of Business program, a pathway to higher level study.

Structures and Units  
Students are required to complete 48 credit points (4 units). The course can be undertaken either full-time (1 semester) or part-time (2 semesters).

Course Structure  

Applied Finance  
Students are required to complete 4 units (48 credit points) from the following:  
EFN406 Managerial Finance  
EFN405 Managerial Economics  
EFN410 Economic and Financial Modelling  
EFN412 Advanced Managerial Finance  
EFN414 International Finance  
EFN415 Security Analysis and Portfolio Management  
EFN416 Treasury and Portfolio Management  
EFN420 Introduction To Financial Management  
EFN421 Financial Planning and Strategies  
EFN424 Equity Trading Floor  
EFN505 Financial Risk Management  
EFN507 Advanced Capital Budgeting  
AYN456 Business and Corporations Law

Potential Careers:  
Financial Advisor/Analyst, Financial Project Manager.

UNIT SYNOPSISES

AYN456 BUSINESS AND CORPORATIONS LAW  
This unit will introduce students to the Australian legal environment and develop students’ knowledge and understanding of the basic principles of business law and the Australian corporations legislation. Students will be encouraged to develop their research and analytical skills relevant to contemporary business and corporate practice.  
Antirequisites: AYN410 and AYN412  
Credit points: 12  
Campus: Gardens Point  
Teaching period: 2013 SEM-1
and 2013 SEM-2

**EFN405 MANAGERIAL ECONOMICS**

This unit addresses the following topics: managerial decision making in an economic environment; an introduction to economics, demand analysis, cost analysis, market strategy and the macroeconomic environment; issues including problems of resource allocation at the firm, in industry and in the economy.

**Antirequisites:** GSN203, GSN411, GSN414, GSN491, GSN492 and GSZ491  
**Equivalents:** EFX405  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2013 SEM-1 and 2013 SEM-2

**EFN406 MANAGERIAL FINANCE**

This unit is an introduction to the world of finance and financial management. Topics include: the finance function, the role of the financial manager; the Australian financial environment; sources of funds; present and future value; time value of money; financial mathematics; introduction to valuation; cost of funds; the firm investment decision; investment evaluation techniques; capital budgeting; portfolio theory; risk and return; capital asset pricing model; dividend policy; financial structure policy; futures; options.  

**Antirequisites:** GSN413, GSN423, GSZ413  
**Equivalents:** EFX406  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2013 SEM-1, 2013 SEM-2 and 2013 SUM

**EFN410 ECONOMIC AND FINANCIAL MODELLING**

This unit introduces students to the modelling techniques which are frequently used in a business and financial environment. Modelling is used as an aid to decision-making, as a means of forecasting important variables and as a planning and analysis tool. Various modelling exercises are used to illustrate the use of these modelling techniques in an economic and financial context.  

**Prerequisites:** EFN412  
**Antirequisites:** AYN419, EFN503  
**Equivalents:** EFX410  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2013 SEM-1

**EFN412 ADVANCED MANAGERIAL FINANCE**

This unit expands on material introduced and developed in EFN406 Managerial Finance. Its objective is to examine the key decisions made by corporate financial managers (that is the investment, financing and dividend decisions). Topics include: the financing decision & capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates; the dividend decision & dividends versus capital gains, franked versus unfranked income; firm valuation, free cash flow model; evaluation of takeovers; Risk and Return & diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis; forwards, futures, options, warrants, convertibles and risk management using financial derivatives.  

**Prerequisites:** EFN406  
**Equivalents:** EFX412  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2013 SEM-1 and 2013 SEM-2

**EFN414 INTERNATIONAL FINANCE**

This unit introduces the theory and practice of international finance, the relationship between domestic and international financial markets, international parity conditions and arbitrage, foreign exchange risk management, country and political risk management, international trade finance, international portfolio investment, multinational cost of capital and capital structure, international capital budgeting and foreign direct investment.  

**Prerequisites:** EFN406  
**Antirequisites:** EFN417  
**Equivalents:** EFX414  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2013 SEM-2

**EFN415 SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**

This unit deals with security analysis and portfolio management. The unit is both practical and theoretical. Topics covered include: portfolio theory and the capital asset pricing model; bond and equity portfolio management; fundamental valuation techniques; portfolio hedging; active vs. passive investment strategies; and the evaluation of portfolio performance. The ultimate purpose of this unit is to provide the necessary tools for students to manage investment risk and return, select mispriced securities, design and administer investment portfolios, accomplish goals in portfolio management, and measure the performance of investment management.  

**Prerequisites:** EFN406  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2013 SEM-1 and 2013 SEM-2

**EFN416 TREASURY AND PORTFOLIO MANAGEMENT**

This unit introduces the student to the treasury environment in which financial institutions operate. The key to the unit is the raising of funds and the management of interest rate risk. This unique hands-on unit allows students to develop these skills by trading in a simulated environment of international economic uncertainty. Students have trading parameters within which they should operate and decisions must be made concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four quarter year.  

**Prerequisites:** EFN406  
**Equivalents:** EFX416  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2013 SEM-1
EFN420 INTRODUCTION TO FINANCIAL MANAGEMENT
This unit is a preliminary study of financial information and financial markets and it includes a number of techniques required for analysing financial information.

Equivalents: EFX420    Credit points: 12    Contact hours: 3 per week    Campus: Gardens Point    Teaching period: 2013 SEM-1 and 2013 SEM-2

EFN421 FINANCIAL PLANNING AND STRATEGIES
This unit aims to give students a solid grounding in the world of Financial Planning and Superannuation. This will involve gaining knowledge of financial markets and instruments as well as the appropriate regulatory framework.

Credit points: 12    Contact hours: 3    Campus: Gardens Point    Teaching period: 2013 SEM-1 and 2013 SEM-2

EFN424 EQUITY TRADING FLOOR
The aim of the unit is to help students move away from the dualistic black and white way of thinking, towards being able to see issues from a range of viewpoints and perspectives, thereby enhancing their critical and technical ability.

Additionally, the unit aims to help improve the student research ability through the delivery of a large scale academic style portfolio that reflects their transition from theory to strategy and trading and reflection.

The unit is NOT designed to be taken as a traditional book learned class. Reading and knowledge is gained from many sources including case studies, books, journals and newspapers.

Antirequisites: EFB224    Credit points: 12    Campus: Gardens Point    Teaching period: 2013 SEM-2

EFN505 FINANCIAL RISK MANAGEMENT
The unit covers the main areas of modern risk management. The focus is on measuring and managing risks in financial institutions. Particular attention is paid to developing understanding of the analytical techniques employed in the construction of hedging strategies and the interrelations between the main areas of risk management. The unit emphasises empirical applications and assessment of risk management techniques. Topics covered include the current state of prudential regulation of financial institutions, measurement and management of market risks, hedging strategies with derivatives and managing interest rate and exchange rate risks.

Prerequisites: EFN415    Equivalents: EFX505    Credit points: 12    Contact hours: 3 per week    Campus: Gardens Point    Teaching period: 2013 SEM-1 and 2013

EFN507 ADVANCED CAPITAL BUDGETING
Topics in this unit include: capital investment analysis, the NPV rule, adjusted present value, replacement decisions, retirement decisions, unequal lives, optimal life, cost of capital, estimating beta, capital rationing, valuation of new issues, mergers and takeovers, analysis of financial and leverage leases, the impact of recent taxation changes on the financing, dividend and investment decisions of the firm, capital budgeting in an international context, access or infrastructure pricing, and real options. The course includes a series of case studies, problems and exercises, which require the student to apply the theory they have learned, to practical situations not covered in normal undergraduate courses. A basic understanding of spreadsheets is assumed.

Prerequisites: EFN406 and EFN412    Equivalents: EFX507    Credit points: 12    Contact hours: 3 per week    Campus: Gardens Point    Teaching period: 2013 SEM-2