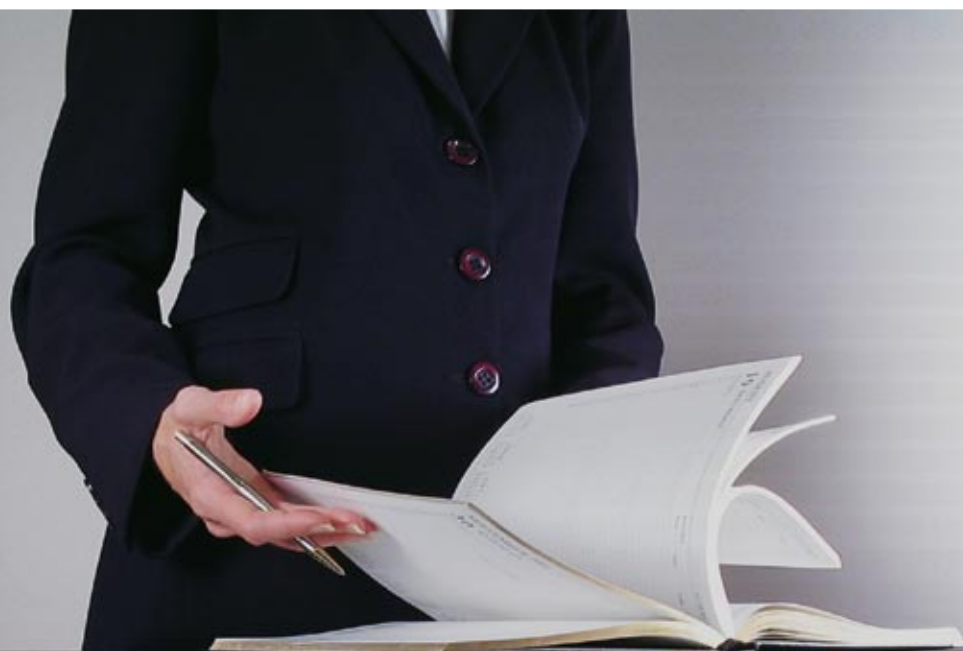


# Finance at The University of Adelaide




## Pathways 2007

- ▶ Bachelor of Finance
- ▶ Bachelor of Finance (International)
- ▶ Bachelor of Finance (Quantitative)
- and the*
- ▶ Bachelor of Commerce (Corporate Finance)



**Group of Eight**

AUSTRALIA'S LEADING UNIVERSITIES



## Bachelor of Finance

## Welcome

**Welcome to the discipline of Finance at The University of Adelaide. Our varied finance degrees provide you with flexibility in choosing a general finance pathway or a specialisation in your particular area of Finance.**

This brochure is designed to ensure you choose the pathway that best suits your interests and career path, while at the same time ensuring your study will be intellectually stimulating and challenging. It provides information about the general Bachelor of Finance degree offered jointly by the School of Commerce, School of Economics and School of Mathematics. The degree has three pathways: general finance, international finance and quantitative finance. In addition, the School of Commerce offers students the opportunity to study finance with a corporate or business firm focus within the Bachelor of Commerce.

This brochure discusses each of these degrees in more detail, along with study pathways and careers for which each degree is best suited. Student profiles are also provided as a testimonial of their experiences in studying Finance at The University of Adelaide.

## Why Study at The University of Adelaide?

The University of Adelaide is one of Australia's oldest and most prestigious universities. Established in 1874, the University is a member of the "Group of Eight" – Australia's leading discipline rich and research-intensive universities. The University combines a long tradition of academic excellence and achievement with state-of-the-art facilities and a vibrant student life. With more than 19,000 students, including nearly 4,000 international students from 88 countries, the University of Adelaide is small enough to provide personal interaction with teaching staff, yet large enough to offer a broad range of courses and many opportunities for postgraduate research.

The School of Commerce provides an excellent and well-rounded professional and general education in a top quality-learning environment and is committed to employing academic staff of the highest calibre. Our aim is to produce well-educated graduates who have the capacity for independent thought and work, as well as for teamwork. Students are given the opportunity and encouragement to develop their full potential and allow them to make an intellectual contribution at the highest levels of business, government and the community.

## Sponsors

- ▶ Patrick Whelan Investments
- ▶ BT Funds Management

# Bachelor of Finance

## Degree Pathways

The University of Adelaide offers the following Finance degrees:

- ▶ **Bachelor of Finance\***
- ▶ **Bachelor of Finance (International)\***
- ▶ **Bachelor of Finance (Quantitative)\*  
and the**
- ▶ **Bachelor of Commerce (Corporate Finance)\***

The degree programs can be completed in three years of full time study. Graduates of these degrees are entitled to affiliate membership of the nationally recognised Financial Services Institute of Australasia (Finsia), the leading professional body. By undertaking specific courses, graduates can also obtain partial compliance with ASIC PS146 tier I Compliance in the areas of generic knowledge derivatives and securities.

*\*These program structures will undergo changes for 2008.  
For details visit, <http://www.commerce.adelaide.edu.au>*

## Careers in Finance

The globalisation of world economies is leading to a growth in financial institutions and increasing diversity in the nature of financial assets transacted. The growth drives the opportunity for careers in finance in many different ways.

As a graduate of the Bachelor of Finance degree you are likely to find employment in retail and merchant banks, investment firms, plus private and public corporations including government regulatory authorities.

## Degree Program

The University of Adelaide offers the widest range of degree and course offerings in the field of finance within South Australia.

The general **Bachelor of Finance** degree introduces students to the global and institutional aspects of our financial systems. There is a broad coverage of the specialised financial institutions, their asset classes, and the markets in which the different assets are traded.

**The Bachelor of Finance has two specialisations.** Your choice of specialisation begins in the second year, where foundation courses are undertaken to prepare you for the third year specialisations.

The **Bachelor of Finance (International)** degree focuses on the management of financial risk internationally. This specialisation is ideal if you are keen to focus on finance at an international level. The program covers areas such as the mechanics and operation of foreign exchange and interest rate markets, financial econometrics as well as providing coverage of important monetary and financial issues with developments around the world.

Career opportunities for graduates of the Bachelor of Finance (International) include trading international financial instruments, providing financial and monetary advice to multinational companies and governments, or working in merchant or trading banks.

The **Bachelor of Finance (Quantitative)** prepares you to pursue a career in a more computational area of finance which requires mathematical skills. There is a growing need for quantitative analysts to provide risk management in both companies and government, develop financial models to estimate and forecast the complex financial instruments that are now trading, and assist in the development and functioning of computerised trading systems. These skills are learnt through such courses as financial modelling, time series and life contingencies where you will gain knowledge to operate in derivative markets such as swaps and options.

The **Bachelor of Commerce (Corporate Finance)** suits students with an interest in the financing of commercial and business firms. This degree is a pathway within the Commerce degrees. The focus on the financial decisions of business firms, rather than the institutional structure of the finance discipline, distinguishes this degree.

Information on the Bachelor of Commerce (Corporate Finance) is contained within the Commerce Pathways booklet and on the website: [www.commerce.adelaide.edu.au](http://www.commerce.adelaide.edu.au)



# Sample Study Plans

The Bachelor of Finance consists of compulsory and elective courses. Electives may be taken from a wide variety of fields. These include Economics, Maths and Computer Sciences, Commerce and Humanities and Social Sciences.

The Finance program is quite distinct in that it includes topics in finance, economics and mathematics. This combination provides students with excellent skills in preparation for their career in the finance industry. Employers have shown significant interest in the program and competition for graduates is fierce.

- ▶ Students must have passed or be enrolled in Business Finance II / Financial Economics II, and a Level II Statistics course before being allowed to enrol in more than 8 units of other Level II courses (see B.Fin program Rules).
- ▶ Students may not enrol in more than 8 units of non-Finance courses at level III unless they have passed or are enrolled in the compulsory Level II courses and have passed or are enrolled in Level III Finance courses to the value of 12 units (see B.Fin program Rules).
- ▶ If students are enrolled in or have completed 16 units of Level III Finance, the other 8 units can be either Level II or III electives.

## Level I Mathematics Rules and Recommendations

**Please Note** Students with different backgrounds in mathematics can undertake almost all finance programs by completing complementary studies in University Mathematics.

- ▶ Students with a combined score in SACE Mathematical Studies and Specialist Mathematics of 35 – 40  
**MATHS 1011 Mathematics IA and MATHS 1012 Mathematics IB**
- ▶ Students with a combined score in SACE Mathematical Studies and Specialist Mathematics of 30 – 34  
**MATHS 1011 Mathematics IA and MATHS 1012 Mathematics IB or MATHS 1013 Mathematics IMA and MATHS 1011 IA**
- ▶ Students with a score in SACE Mathematical Studies of 17 – 20  
**MATHS 1013 Mathematics IMA and MATHS 1011 IA**
- ▶ Students with low scores in SACE Mathematical Studies  
**MATHS 1009 Introduction to Financial Mathematics I & MATHS 1010 Applications of Quantitative Methods in Finance I**
- ▶ Students who have not undertaken SACE Mathematical Studies  
**MATHS 1009 Introduction to Financial Mathematics I & MATHS 1010 Applications of Quantitative Methods in Finance I**

## Prerequisites

There is no prerequisite for entry to the Finance degrees except for Bachelor of Finance (Quantitative) which requires SACE Stage 2 Mathematical Studies (or equivalent).

## Finance Courses

### Level I

- ▶ Accounting for Decision Makers I
- ▶ Applications of Quantitative Methods in Finance I
- ▶ Business Data Analysis I
- ▶ International Financial Institutions & Markets I
- ▶ Introduction to Financial Mathematics I
- ▶ Mathematics IA, IB, IMA
- ▶ Principles of Macroeconomics I
- ▶ Principles of Microeconomics I
- ▶ Statistical Practice I

### Level II

- ▶ Business Finance II
- ▶ Consumers, Firms & Markets II
- ▶ Economic & Financial Data Analysis II
- ▶ Financial Computing II
- ▶ Financial Economics II
- ▶ International Trade & Investment Policy II
- ▶ Introduction to Mathematical Statistics II
- ▶ Statistical Practice II
- ▶ Macroeconomic Theory & Policy II
- ▶ Mathematics IIM

### Level III

- ▶ Applied Econometrics III
- ▶ Corporate Finance Theory III
- ▶ Corporate Investment & Strategy III
- ▶ Econometrics III
- ▶ Economic Theory III
- ▶ Financial Modelling Techniques III
- ▶ International Finance III
- ▶ International Trade III
- ▶ Life Contingencies III
- ▶ Mathematics of Finance III
- ▶ Money, Banking & Financial Markets III
- ▶ Options, Futures & Risk Management III
- ▶ Portfolio Theory and Management III
- ▶ Time Series III

# Sample Study Plans

## 📖 Bachelor of Finance

A general finance program often taken as a double degree with Economics, Engineering, Mathematics or Commerce.

	▼ Semester 1	▼ Semester 2
Level I	<ul style="list-style-type: none"> <li>▶ International Financial Institutions &amp; Markets I</li> <li>▶ Principles of Macroeconomics I</li> <li>▶ First Semester Maths (see Maths Rules page 4)</li> <li>▶ Elective I</li> </ul>	<ul style="list-style-type: none"> <li>▶ Principles of Microeconomics I</li> <li>▶ Business Data Analysis I <b>OR</b> Statistical Practice I</li> <li>▶ Accounting for Decision Makers I</li> <li>▶ Second Semester Maths (see Maths Rules page 4)</li> </ul>
Level II	<ul style="list-style-type: none"> <li>▶ Business Finance II</li> <li>▶ Economic &amp; Financial Data Analysis II <b>OR</b> Statistical Practice II <b>AND</b> Introduction to Mathematical Statistics II</li> <li>▶ Elective II</li> </ul>	<ul style="list-style-type: none"> <li>▶ Financial Economics II</li> <li>▶ Elective II</li> <li>▶ Elective II</li> </ul>
Level III	<ul style="list-style-type: none"> <li>▶ Portfolio Theory and Management III</li> <li>▶ Finance Course III *</li> <li>▶ Elective III</li> </ul>	<ul style="list-style-type: none"> <li>▶ Financial Modelling Techniques III <b>OR</b> Options, Futures &amp; Risk Management III</li> <li>▶ Elective III</li> <li>▶ Elective III</li> </ul>

\* "Finance Course III" means any level III course in Finance.

## 📖 Bachelor of Finance (Quantitative)

Focuses on financial analysis and modelling.

	▼ Semester 1	▼ Semester 2
Level I	<ul style="list-style-type: none"> <li>▶ International Financial Institutions &amp; Markets I</li> <li>▶ Principles of Macroeconomics I</li> <li>▶ First Semester Maths (either Maths IA or IMA)</li> <li>▶ Elective I</li> </ul>	<ul style="list-style-type: none"> <li>▶ Principles of Microeconomics I</li> <li>▶ Statistical Practice I</li> <li>▶ Accounting for Decision Makers I</li> <li>▶ Second Semester Maths (either Maths IB or IA)</li> </ul>
Level II	<ul style="list-style-type: none"> <li>▶ Business Finance II</li> <li>▶ Statistical Practice II</li> <li>▶ Introduction to Mathematical Statistics II</li> <li>▶ Elective II</li> </ul>	<ul style="list-style-type: none"> <li>▶ Financial Economics II</li> <li>▶ Mathematics IIM <b>OR</b> Financial Computing II</li> <li>▶ Elective II</li> </ul>
Level III	<ul style="list-style-type: none"> <li>▶ Portfolio Theory and Management III</li> <li>▶ Elective II / III</li> </ul>	<ul style="list-style-type: none"> <li>▶ Financial Modelling Techniques III</li> <li>▶ Mathematics of Finance III*</li> <li>▶ Time Series III</li> <li>▶ Elective II / III</li> </ul>

Students must have SACE Stage 2 Mathematical Studies or equivalent to do the Quantitative pathway  
\* Offered in alternate years, not offered in 2007

## 📖 Bachelor of Finance (International)

Focuses on international money, banking and finance.

	▼ Semester 1	▼ Semester 2
Level I	<ul style="list-style-type: none"> <li>▶ International Financial Institutions &amp; Markets I</li> <li>▶ Principles of Macroeconomics I</li> <li>▶ First Semester Maths (see Maths Rules page 4)</li> <li>▶ Elective I</li> </ul>	<ul style="list-style-type: none"> <li>▶ Principles of Microeconomics I</li> <li>▶ Business Data Analysis I <b>OR</b> Statistical Practice I</li> <li>▶ Accounting for Decision Makers I</li> <li>▶ Second Semester Maths (see Maths Rules page 4)</li> </ul>
Level II	<ul style="list-style-type: none"> <li>▶ Business Finance II</li> <li>▶ Economic &amp; Financial Data Analysis II <b>OR</b> Statistical Practice II <b>AND</b> Introduction to Mathematical Statistics II</li> <li>▶ Elective II</li> </ul>	<ul style="list-style-type: none"> <li>▶ Financial Economics II</li> <li>▶ Consumers, Firms &amp; Markets II</li> <li>▶ Elective II</li> </ul>
Level III	<ul style="list-style-type: none"> <li>▶ Portfolio Theory and Management III</li> <li>▶ International Finance III</li> <li>▶ Money, Banking and Financial Markets III</li> </ul>	<ul style="list-style-type: none"> <li>▶ Financial Modelling Techniques III <b>OR</b> Options, Futures &amp; Risk Management III</li> <li>▶ Elective II / III</li> <li>▶ Elective II / III</li> </ul>

## 📖 Bachelor of Commerce (Corporate Finance)

Focuses on corporate investment and strategy.

	▼ Semester 1	▼ Semester 2
Level I	<ul style="list-style-type: none"> <li>▶ Accounting for Decision Makers I</li> <li>▶ Principles of Microeconomics I</li> <li>▶ Elective I (International Financial Institutions and Markets I)</li> <li>▶ Elective I</li> </ul>	<ul style="list-style-type: none"> <li>▶ Business Data Analysis I</li> <li>▶ Principles of Macroeconomics I</li> <li>▶ Elective I</li> <li>▶ Elective I</li> </ul>
Level II	<ul style="list-style-type: none"> <li>▶ Business Finance II</li> <li>▶ Commerce Level II</li> <li>▶ Elective II (Economic &amp; Financial Data Analysis II)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Financial Economics II</li> <li>▶ Elective II</li> <li>▶ Elective II</li> </ul>
Level III	<ul style="list-style-type: none"> <li>▶ Corporate Investment &amp; Strategy III</li> <li>▶ Portfolio Theory &amp; Management III *</li> <li>▶ Elective III</li> </ul>	<ul style="list-style-type: none"> <li>▶ Corporate Finance Theory III</li> <li>▶ Options, Futures &amp; Risk Management III *</li> <li>▶ Elective III</li> </ul>

\* One of these can be replaced by another level III course.

## Double Degrees

The Bachelor of Finance also offers a number of double degree options. A double degree is an excellent opportunity to enhance your academic experience and expand your career options. Most double degree programs with the Bachelor of Finance can be completed in four to five years of full time study, provided that students take the appropriate combination of courses from the first year of study.

For some programs, such as Economics/Finance, Finance/Mathematical and Computer Sciences and Finance/Law, students receive an offer to join both programs directly from SATAC.

**Please Note** Local students may also combine Finance/Commerce however in order to do this they must apply to SATAC at the end of their first year of study to add the second degree. If students have completed 12 units or more of University courses they can compete for entry into the second program based on their grade point average, not their year 12 or STAT score.

Local and international students may apply for the double degrees listed below:

### Degrees that can be completed in 4 years

- ▶ Double degree with the Bachelor of Economics
- ▶ Double degree with the Bachelor of Mathematical and Computer Sciences

### Degrees that can be completed in 5 years

- ▶ Double degree with the Bachelor of Engineering

### Degrees that can be completed in 5.5 years

- ▶ Double degree with the Bachelor of Laws

## Further Study

### Further Study

Students who achieve a high credit / distinction average or equivalent in their Finance degree have an option to study for a fourth year and obtain an Honours in Finance degree. An honours degree in Finance is a gateway both to prestigious positions in the Finance industry and to advanced studies in finance. The University of Adelaide offers two Honours degrees in Finance. The Bachelor of Finance honours program is for students with an interest in Quantitative finance, while those with a more professional interest can enrol in a Bachelor of Commerce honours program. Given its quantitative flavour, the Bachelor of Commerce honours program requires students to have completed Econometrics III or Applied Econometrics III or equivalent to be admitted to the program. Exceptions to the rule are at the discretion of the Bachelor of Finance honours convenor. Both Honours degrees are an entry qualification for a Masters degree and a degree of Doctor of Philosophy (PhD) within Australia or overseas. A student with a good Honours degree can often proceed directly to a PhD.

### Higher Degrees

The University of Adelaide offers a number of post-graduate courses in Finance. Students have access to Masters' degrees by coursework and research. A PhD is also available for students wishing to advance their finance education to the highest level. Further information can be obtained from the Commerce website.



## Profile Alexandra Olczyk

### Bachelor of Finance (International) and Bachelor of Economics (2005)

My time at university has provided me with a diverse set of skills! My decision to undertake a double degree in Finance and Economics at The University of Adelaide was driven by the wide range of applications and possibilities that these fields offer. This training has led to me obtaining a cadetship with the Australian Bureau of Statistics, which supports me in my current studies and provides full time employment at the completion of my Honours year.

During my studies I focused on portfolio analysis and econometrics and complemented these core courses with electives in Mathematics, Accounting and Politics. I discovered that not only were Finance and Economics closely related to each other, but that these areas of study provide a broader education because of their wide-ranging inter-disciplinary nature.

The time I spent at the University of Adelaide has been enjoyable academically and socially. I have had the opportunity to study under the tutelage of lecturers with international credentials and experience, which has given me the confidence to pursue a career that will provide me with exciting and challenging opportunities. My academic exploits have also been accompanied by forging strong friendships and a busy social life. I think that my studies will hold me in good stead for future employment and a potential career abroad.

# Application Procedures and Contact Details

## Application Procedures

### ► Local students and international students studying year 12 in Australia

Applications for entry to the Bachelor of Finance should be made through South Australian Tertiary Admissions Centre (SATAC)  
SATAC code 314401

#### For South Australian school leavers:

HESS Group General  
**TER required for entry** in 2006: 72

### ► International Students

Applications should be made through the International Office. Please refer to:

[www.international.adelaide.edu.au/apply/](http://www.international.adelaide.edu.au/apply/)  
Email: [international@adelaide.edu.au](mailto:international@adelaide.edu.au)



**TER required for entry** in 2006: 75

Further Information, including the Bachelor of Finance Brochure, is available on our website:

[www.finance.adelaide.edu.au](http://www.finance.adelaide.edu.au)

Information contained in this publication is correct as at January 2007. Details may change without notice.

**CRICOS Provider Number 00123M**

## Contact Details

To speak to the student adviser or request further information, please contact:

#### Location:

School of Commerce  
Security House  
233 North Terrace, Adelaide  
Phone: 61 8 8303 4755  
Fax: 61 8 8303 6050

#### Postal address:

School of Commerce  
The University of Adelaide  
South Australia 5005

Email: [commerce@adelaide.edu.au](mailto:commerce@adelaide.edu.au)

## Professional Financial Bodies

#### Financial Services Institute of Australasia

Level 4, Qantas House  
143 North Terrace  
Adelaide SA 5000  
Phone: [08] 8414 7300  
[www.finsia.edu.au](http://www.finsia.edu.au)

#### Australian Securities and Investments Commission

Level 8, 100 Pirie Street  
Adelaide SA 5000  
Phone: [08] 8202 8400  
[www.asic.gov.au](http://www.asic.gov.au)

#### Chartered Financial Analyst (CFA) Institute

Suite 3407  
Two Exchange Square  
8 Connaught Place Central  
Hong Kong SAR  
[www.cfainstitute.org](http://www.cfainstitute.org)  
(Relevant for Corporate Finance Students)

**Note:** The program structure of the Bachelor of Commerce, Bachelor of Economics and Bachelor of Finance will undergo changes for 2008.

For details visit: [www.adelaide.edu.au/professions/undergraduate](http://www.adelaide.edu.au/professions/undergraduate)



## Profile Derek Piper

### Bachelor of Finance (Honours) 2000

While completing the Bachelor of Commerce (Corporate Finance) degree in 1998, I decided to undertake the Honours programme of the Bachelor of Finance. The course appealed to me as it offered a broad range of subjects and allowed me to combine my interests in international finance and macroeconomics. In addition, financial modelling and econometrics subjects provided the basis for my thesis which focused on the dynamics between exchange rates and share prices.

The Honours programme was both challenging and rewarding. The technical skills it provided were a significant extension from those acquired during my undergraduate studies. The thesis component developed my research abilities and not only consolidated the technical aspects of the course, but also provided me with an insight into the world of academia.

Since graduating with the Bachelor of Finance (Honours) degree, my qualification has been highly regarded by employers and peers. I have worked within the corporate finance practice of Ernst & Young and am currently employed within the investment banking division of Merrill Lynch in London.

