We develop leaders who transform business, society and economies

Sebastian Robertson
Bachelor of Commerce/Economics 2009

Social entrepreneur Sebastian Robertson is the founder and chairman of batyr, an organisation which aims to deliver innovative peer-to-peer programs that engage, educate and empower young people to address youth issues.
Australia’s finest

For over 70 years, the Australian National University (ANU) has worked to realise the ambitions of its visionary founders to become Australia’s finest research institution.

We now invite you to join our community of world-leading academics, alumni and students who make us Australia’s #1 university, and #20 in the world.1

Our mission is to provide Australia with intellectual leadership on critical issues. Our influence in global research and teaching has made us Australia’s most international university, and our dedication to our students has made them Australia’s most employable graduates.2

We are committed to excellence in our education, our student cohort, and student outcomes and experience.

You are committed to better outcomes for your community, the environment, our nation and the world.

Embrace your global citizenship in our inclusive, open and respectful community. Learn from research as it happens, create in our state-of-the-art facilities, unlock your future and change the world.

JOIN US AT ANU

International outlook
Ranked #1 in Australia and 10th in the world3

Top 25 student cities
Canberra ranks among the top 25 student cities in the world4

6 Nobel Laureates
The highest number of all Australian universities

World’s best city
Canberra ranked the world’s most liveable city two years in a row6

Ranked #1 in Australia for business and economics5

“Well above” world standard
95% of ANU research is rated “above” or “well above” world standard7

ANU is ranked #1 in Australia and #20 in the world8

Guaranteed accommodation on campus

Home to 12 national institutions
Including the Australian Parliament, the High Court of Australia, and the National Library of Australia

More than just the capital city
Home to national festivals like the National Multicultural Festival, with plenty of other community events on throughout the year

1 QS World University Rankings 2018
2 Global Employability Ranking 2017
3 Times Higher Education International Outlook Indicator 2015/2016
4 QS Best Student Cities 2017
5 Times Higher Education World University Rankings 2017/2018 by subject
6 OECD Better Life Index 2014
7 Excellence in Research for Australia 2015
Connect to a global network of researchers and industry

Impact society at large

Inspire the changes you want to see in the world...

at the ANU College of Business and Economics

We are proud to be part of the Australian National University, which is the nation’s finest university. Our unique mission, as the national university, is to address major issues of national and international importance through our research and teaching. We take that mission very seriously.

Our focus, within the College of Business and Economics (CBE), is on developing leaders who transform business, society and economies.

The strength of our international reputation attracts exceptional students from Australia, the wider Asia–Pacific region and beyond. We offer every student the opportunity to develop their strengths and the space to decide how they will make their future mark in the world.

Our undergraduate degree programs cover a wide spectrum of subject areas within business and economics. Students have great flexibility in their study options, and can study most of our degrees as part of a combined program with other degrees, either within the college or elsewhere at ANU.

Supported by a dynamic team of academic and professional staff, students are offered a full suite of engaged learning opportunities to increase their employability and globalise their education experience.

Through their studies, our graduates gain the knowledge and skills to lead organisations, develop public policy, create new companies and undertake research. Our alumni can be found in the world’s leading companies, policy agencies and universities.
Real world skills

Across the world, demand for business and economic graduates is escalating in industry, business and government.

Studying at CBE will provide you with skills and attributes that will remain relevant and keep you competitive in the evolving job market.

Take an internship with the award-winning CBE Internship Program. The internship program gives students an opportunity to undertake an internship in either Semester 1 or Semester 2 as an elective for course credit. Each internship is project-based with deliverables set out in an agreement between the intern, workplace supervisor and academic supervisor.

cbe.anu.edu.au/study/internship

Examples of CBE Internship Program host organisations

- Optus
- PwC
- National Australia Bank
- Australian Chamber of Commerce & Industry
- BAE Systems
- Canberra Business Chamber
- Cushman & Wakefield
- Invest Canberra
- Royal Australian Mint
- Embassy of Mexico
- National Disability Insurance Agency
- Australian Research Alliance for Children and Youth
- Australian Institute of Health and Welfare
- Innovate Canberra
- Pharmacy Guild of Australia
- Transport Canberra
- Conservation Council ACT
- UnitingCare Australia
- ACT China Business Council
- "Internship hosts can change each intake based on business requirements and availability of internship projects."

Real-life skills

Our programs offer real-world experience through innovative course design, and award-winning internship and professional development programs.

- CBE Internship Program
- Australian National Internships Program
- CBE Special Industry Project
- MomentUM Professional Development
- Student Managed Fund

World of opportunities

Study overseas as part of your degree. Form a global network and expand your career options.

- CBE Global Business Immersion course
- ANU exchange program
- IARU Global Summer Program
- PRIMO First Year Learning Abroad Programs

Community of business leaders

Our graduates are lifelong members of our alumni community stretching across the globe.

- We have over 22,000 alumni
- Our alumni work and live in 90+ countries
- Our graduates are ranked as most employable in Australia*

* Global University Employability Ranking 2017

Job ready

Embrace opportunities to expand your professional skills and become job ready.

- Industry networking events
- Career fairs
- Recruiter in Residence
- Career consultations
- Job listings

anu.edu.au/students
GRADUATE OUTCOMES

Ranked 1st in Australia and 21st in the world for graduate employability

Employers of CBE graduates and alumni

ACT Government
Aesop
AIA Group
Allianz
American Express
ANZ Bank
ASOS
Australian Public Service
AXA
Baker Tilly
Bank of China
Bank of Korea
BNP Paribas
Boston Consulting Group
China Eastern Airlines
Citigroup
Coca-Cola Company
Commonwealth Bank
CPA Australia
Credit Suisse
Deloitte
Deutsche Bank
Dixon Advisory
Etihad Airways
EY
Facebook Inc
Goldman Sachs
Google Inc
Heidtll Packard
HSBC
IBM
JPMorgan Chase
KPMG
LG Electronics HK Ltd
Macquarie Group
Mercedes-Benz
Merrill Lynch
Microsoft
National Australia Bank (NAB)
PepsiCo
PwC
Royal Bank of Canada
Royal Bank of Scotland
RSM Bird Cameron
Saatchi & Saatchi
Samsung
Singtel
Standard Chartered Bank
The Walt Disney Company
Unilever
United Nations
Vodafone Global Enterprise
Warner Bros. Entertainment Group of Companies
Westfield Corp
Westpac Banking Corporation
World Bank
Other international governmental organisations

Average income for CBE graduates with an undergraduate degree was approximately $60,000

84% of graduates reported their qualification prepared them “very well” or “well” for employment

Top 10 occupations for CBE alumni

» Accountant
» Analyst/finance analyst/financial planner
» CEO
» CFO
» Consultant
» Director
» Economist
» Manager
» Partner
» President/vice president

3 Global University Employability Ranking 2017
2 2016 Graduate Outcomes Survey: ANU College of Business and Economics
3 2017 data from ANU Alumni database

Top five industries in which CBE alumni work

» Accounting services
» Banking
» Central government administration
» Management advice and related consulting services
» State government administration

Developed in collaboration with industry experts, MomentuM is CBE’s flagship professional development program. MomentuM develops employability and soft skills, essential for job market readiness.

Get mentored by professionals who will share first-hand insights into how to thrive in today’s business world, giving you the competitive edge.

cbe.anu.edu.au/study/momentum

10 ANU College of Business & Economics

Photo: Holly Treadaway
Global Learning

Explore your world

Take your education to the next level on an in-country intensive study tour.

The CBE Global Business Immersion study tours expose you to the business environment in a selected country where you will gain an understanding of the cultural and historical dimensions that shape business practice.

Grow personally and professionally through a program designed to develop in-demand skills valued by global employers, such as leadership, management, marketing, entrepreneurship and international business.

Student exchange

You can undertake a traditional exchange opportunity with one of our 175+ partner universities across 37 countries. Apply to spend one or two semesters at a leading university in one of these distinctive destinations while you earn credit towards your ANU degree.

Europe
- Austria
- Czech Republic
- Denmark
- Finland
- France
- Germany
- Hungary
- Ireland
- Italy
- Netherlands
- Norway
- Portugal
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom

Asia-Pacific
- Brunei
- China
- French Polynesia
- Hong Kong
- Indonesia
- Japan
- Malaysia
- New Caledonia
- New Zealand
- Singapore
- South Korea
- Taiwan
- Thailand

Americas
- Brazil
- Canada
- Chile
- Colombia
- Mexico
- Peru
- United States of America
BACHELOR OF ACCOUNTING

The Bachelor of Accounting is designed to develop your knowledge and skills in reporting, analysing and managing financial resources in business and government entities.

ANU program code: 3406  UAC code: 133503  CRICOS code: 079653K  Duration: three years full-time

STRUCTURE

The program consists of 24 courses, of which:
- a maximum of 10 courses can be taken at level 1000 (first-year classes)
- a minimum of 14 courses must be taken at levels 2000 and 3000 (second- and third-year classes).

The 24 courses must include:
- the four courses that comprise the minor in Business and Economics Essentials*
- the following six compulsory courses:
  - Management Accounting
  - Company Accounting
  - Accounting Theory
  - two courses from the following:
    - Law of Business Entities
    - Financial Statement Analysis
    - Accounting Information Systems
  - three courses from the following list:
    - Auditing
    - Advanced Management Accounting
    - Public Sector Accounting
    - Financial Reporting by Corporations
    - Principles of Tax Law
    - Corporate Social Responsibility, Accountability & Reporting

- a minimum of one elective course from List 1 of the ANU College of Business and Economics
- eight elective courses, which can be taken from any ANU college.

* The minor in Business and Economics Essentials comprises the core courses, Business Reporting & Analysis, Microeconomics 1, Microeconomics 2 and Quantitative Research Methods. As a compulsory component of the Bachelor of Accounting, the minor will not be separately listed in your academic transcript.

TYPICAL FULL-TIME PATTERN OF STUDY

Meeting professional accounting requirements

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Business Reporting &amp; Analysis, Microeconomics 1, Quantitative Research Methods, Foundations of Finance</td>
<td>Business Reporting &amp; Analysis, Microeconomics 1, Quantitative Research Methods, Foundations of Finance</td>
</tr>
<tr>
<td>2</td>
<td>Company Accounting, Law of Business Entities, 2 university electives</td>
<td>Management Accounting, Accounting Information Systems, 2 university electives, Principles of Tax Law</td>
</tr>
<tr>
<td>3</td>
<td>Accounting Theory, Auditing, 2 university electives</td>
<td>Accounting major 3000-level course*, 2 university electives</td>
</tr>
</tbody>
</table>

* 3000-level Accounting courses must be chosen from Advanced Management Accounting, Public Sector Accounting, Financial Reporting by Corporations or Corporate Social Responsibility, Accountability & Reporting.

Students in the combined program with Law should note they cannot take the course Introduction to Commercial Law, Law of Business Entities and Principles of Tax Law towards the requirements of the Accounting major, if they have undertaken equivalent courses in the ANU College of Law.

CAREER OPTIONS

Accounting is an integral part of all businesses and accountants are constantly in demand. With continuing high global demand for qualified accountants, graduates of the Bachelor of Accounting have a wide range of employment opportunities working in the public and private sectors. Some of the roles available to a qualified accountant are: financial officer, auditor, tax accountant, management accountant, consultant and business risk analyst. Accounting graduates from ANU have secured employment opportunities working in the public and private sectors.

PROFESSIONAL ACCREDITATION

A Bachelor of Accounting student can undertake a sequence of courses that meets tertiary education requirements for direct entry into the professional programs of the accounting bodies in Australia. Students wishing to discuss the sequence should contact the college office for details or refer to the following link:

www.cbe.anu.edu.au/about/professional-organisations-accreditation

BACHELOR OF ACTUARIAL STUDIES

Actuaries combine skills from mathematics, statistics, economics and finance to assess, evaluate and manage future financial risks, thereby addressing a wide range of practical problems in long-term financial planning and management.

ANU program code: 3401  UAC code: 134403  CRICOS code: 028147F  Duration: three years full-time

The program information below is current for students commencing in 2018. The Bachelor of Actuarial Studies is being redeveloped for 2019 because of changes to the Actuaries Institute education program. The information below will be updated once the program changes for 2019 are finalised. Please see the programs and courses website for the most recent information about the program.

STRUCTURE FOR 2018 COMMENCING STUDENTS

The program consists of 24 courses, of which:
- a maximum of 10 courses can be taken at level 1000 (first-year classes)
- a minimum of 14 courses must be taken at levels 2000 and 3000 (second- and third-year classes).

The 24 courses must include:
- 14 compulsory courses as follows:
  - Business Reporting & Analysis
  - Microeconomics 1
  - Quantitative Research Methods
  - Credibility Theory
  - Life Contingencies
  - Actuarial Techniques
- two elective courses from within the ANU College of Business and Economics
- eight elective courses, which can be taken from any ANU college.

TYPICAL FULL-TIME PATTERN OF STUDY

For 2018 commencing students:

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Microeconomics 1, Business Reporting &amp; Analysis, Foundations of Finance</td>
<td>Mathematical Foundations for Actuarial Studies, Corporate Finance, Foundations of Finance, Quantitative Research Methods</td>
</tr>
<tr>
<td>3</td>
<td>Investments, Continuous Time Finance, Risk Theory, Survival Models</td>
<td>Credibility Theory, Actuarial Techniques, 2 university electives</td>
</tr>
<tr>
<td>4</td>
<td>Actuarial Studies (Honours)</td>
<td>Actuarial Studies (Honours)</td>
</tr>
</tbody>
</table>

TYPICAL FULL-TIME PATTERN OF STUDY

Meeting actuarial analytics requirements

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Microeconomics 1, Business Reporting &amp; Analysis, Foundations of Finance</td>
<td>Mathematical Foundations for Actuarial Studies, Corporate Finance, Foundations of Finance, Quantitative Research Methods</td>
</tr>
<tr>
<td>3</td>
<td>Investments, Continuous Time Finance, Risk Theory, Survival Models</td>
<td>Credibility Theory, Actuarial Techniques, 2 university electives</td>
</tr>
<tr>
<td>4</td>
<td>Actuarial Studies (Honours)</td>
<td>Actuarial Studies (Honours)</td>
</tr>
</tbody>
</table>

There are many attractive career opportunities for fully qualified actuaries in Australia. Actuaries may apply their skills in insurance, superannuation, investment banking and finance, government, and a wide variety of other areas where quantitative skills are valued.

Typical roles that utilise actuarial skills are in liability valuation, risk management and data analytics. Actuaries also work as consultants, providing advice on financial decisions to both public and commercial clients.

Many actuaries move into high-level administrative and senior managerial positions, reflecting the strong interdisciplinary nature of the profession, which mixes theoretical skills with sound practical knowledge.

PROFESSIONAL ACCREDITATION

The Bachelor of Actuarial Studies enables students to undertake a sequence of accredited courses that satisfy certain educational requirements of the Actuaries Institute.

For more information on accreditation visit

cbe.anu.edu.au/about/professional-organisations-accreditation/actuaries-institute-requirements

14  ANU College of Business & Economics

15  2019 Undergraduate Guide
ANU College of Business & Economics

2019 Undergraduate Guide

BACHELOR OF BUSINESS ADMINISTRATION

The Bachelor of Business Administration develops students’ leadership and management skills.

ANU program code: 3410
UAC code: 133403
CRICOS code: 062745A
Duration: three years full-time

STRUCTURE

The program consists of 24 courses, of which:

> a maximum of 10 courses can be taken at level 1000 (first-year classes)
> a minimum of 14 courses must be taken at levels 2000 and 3000 (second- and third-year classes).

The 24 courses must include:

> the following 11 compulsory courses:
   - Business Reporting & Analysis
   - Microeconomics 1
   - Macroeconomics 1 or Economics 1(H)
   - Management, People & Organisations
   - Communication for Business
   - International Business
   - Human Resource Management & Strategy
   - Marketing
   - Corporate Strategy
   - Leadership
   - Entrepreneurship & Innovation
> a minimum of one of the following two core courses:
   - Business Decision Making
   - Quantitative Research Methods
> four elective courses from within the ANU College of Business and Economics
> eight elective courses, which can be taken from any ANU college.

Note: Students intending to take electives in Marketing Research should note that the course Marketing Research has Quantitative Research Methods as a prerequisite.

TYPICAL FULL-TIME PATTERN OF STUDY

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Business Reporting &amp; Analysis</td>
<td>Macroeconomics 1</td>
</tr>
<tr>
<td></td>
<td>Microeconomics 1</td>
<td>2 x college electives</td>
</tr>
<tr>
<td></td>
<td>Management, People &amp; Organisations</td>
<td>University elective</td>
</tr>
<tr>
<td></td>
<td>University elective</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Human Resource Management &amp; Strategy</td>
<td>International Business</td>
</tr>
<tr>
<td></td>
<td>Communication for Business</td>
<td>Marketing</td>
</tr>
<tr>
<td></td>
<td>2 x university electives</td>
<td>Quantitative Research</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Methods or Business Decision</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Making</td>
</tr>
<tr>
<td></td>
<td>College elective</td>
<td>University elective</td>
</tr>
<tr>
<td>3</td>
<td>Corporate Strategy</td>
<td>Leadership</td>
</tr>
<tr>
<td></td>
<td>College elective</td>
<td>Entrepreneurship &amp; Innovation</td>
</tr>
<tr>
<td></td>
<td>2 x university electives</td>
<td>College elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University elective</td>
</tr>
</tbody>
</table>

CAREER OPTIONS

The Bachelor of Business Administration provides a comprehensive grounding in the key business skills that are essential in any workplace. With its focus on developing leadership and management skills, graduates of the program will be well-equipped to take up management and senior administrative positions in both the public and private sectors. Additionally, with its broad coverage of the different components of business and management, the Bachelor of Business Administration provides an ideal foundation for careers in human resources, communications, marketing and business strategy.

Graduates gain a good understanding of the innovation and entrepreneurship essential to creating new commercial ventures and developing existing businesses.

Nicholas Chen
Bachelor of Business Administration
President of the ANU Singaporean Students’ Association 2017

BACHELOR OF COMMERCE

The Bachelor of Commerce includes courses in core areas such as business reporting, economics, quantitative methods and techniques, and communication for business.

ANU program code: 3400
UAC code: 133003
CRICOS code: 002280F
Duration: three years full-time

STRUCTURE

The program consists of 24 courses, of which:

> a minimum of 10 courses can be taken at level 1000 (first-year classes)
> a minimum of 14 courses must be taken from levels 2000 and 3000 (second- and third-year classes).

The 24 courses must include:

> the four courses that comprise the minor in Business and Economics Essentials*
> one compulsory course: Communication for Business
> an eight-course major from the following list:
   - Accounting
   - Business Information Systems**
   - Corporate Sustainability
   - Economic Studies
   - Finance
   - International Business
   - Management
   - Marketing
> a minimum of three elective courses from within the ANU College of Business and Economics
> eight elective courses, which can be taken from any ANU college.

* The minor in Business and Economics Essentials comprises the core courses, Business Reporting & Analysis, Microeconomics 1, Macroeconomics 1 and Quantitative Research Methods. As a core part of the program, the minor will not be listed on transcripts for students completing the Bachelor of Commerce.

** The major in Business Information Systems is not available for students in the Bachelor of Commerce/Bachelor of Information Technology and Bachelor of Commerce/Bachelor of Software Engineering combined degree programs.

TYPICAL FULL-TIME PATTERN OF STUDY

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Business Reporting &amp; Analysis</td>
<td>Macroeconomics 1</td>
</tr>
<tr>
<td></td>
<td>Microeconomics 1</td>
<td>2 x college electives</td>
</tr>
<tr>
<td></td>
<td>Communication for Business</td>
<td>University elective</td>
</tr>
<tr>
<td></td>
<td>College elective</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Human Resource Management &amp; Strategy</td>
<td>International Business</td>
</tr>
<tr>
<td></td>
<td>2 x university electives</td>
<td>Marketing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quantitative Research</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Methods or Business Decision</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Making</td>
</tr>
<tr>
<td></td>
<td>College elective</td>
<td>University elective</td>
</tr>
<tr>
<td>3</td>
<td>Corporate Strategy</td>
<td>Leadership</td>
</tr>
<tr>
<td></td>
<td>College elective</td>
<td>Entrepreneurship &amp; Innovation</td>
</tr>
<tr>
<td></td>
<td>2 x university electives</td>
<td>College elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University elective</td>
</tr>
</tbody>
</table>

CAREER OPTIONS

With its combination of core business courses and major specialisations, the Bachelor of Commerce provides an ideal springboard for careers in the private or public sectors. Depending on your chosen major, you could work in the following areas after graduating with a Bachelor of Commerce:

> Accounting: business analysis, management accounting, public accounting, company accounting, auditing
> Business information systems: consultant or business analyst, database administrator, system analyst or architect, programming and other professional careers in ICT
> Corporate sustainability: sustainable development manager, ethical supply chains, corporate social responsibility consultant, or corporate sustainability communications
> Economic studies: economics, financial markets, government policy, investment banking, consulting and business administration
> Finance: financial trader, broker, analyst, statistician, corporate treasurer, financial consultant or financial planner
> International business: international trade, global sourcing, import/export and supply chain management, or business specialist for a multinational corporation
> Management: human resources, recruitment, business consulting, business analysis
> Marketing: marketing research, marketing communications, advertising and sales, business development

ANU has always been consistent in their ranking in the region and for producing world-class graduates. ANU equips students not only with academic knowledge, but also essential exposure to industry environments that provide a deeper level of engagement with your learning experience.

Nicholas Chen
Bachelor of Business Administration
President of the ANU Singaporean Students’ Association 2017

Singapore
ACCOUNTING MAJOR

Accounting is concerned with the measurement, analysis, reporting and evaluation of information, which assists in the management of resources in business entities and government organisations.

If you see yourself as a financial officer, auditor, tax accountant, or management accountant, the accounting major equips you with the knowledge and skills to start you on that path.

STRUCTURE

This major requires the completion of eight courses including:

- the following four compulsory courses:
  - Accounting Processes & Systems
  - Management Accounting
  - Company Accounting
  - Accounting Theory
- two core courses from the following list (if not already completed towards the requirements of the major):
  - Introduction to Commercial Law
  - Law of Business Entities
- one core course from the following list:
  - Advanced Management Accounting
  - Auditing
  - Advanced Management Accounting
  - Public Sector Accounting
  - Financial Reporting by Corporations
  - Corporate Social Responsibility, Accountability & Reporting

This major requires the completion of eight courses, which must include:

- one core course from the following:
  - Microeconomics 1
  - Business Reporting & Analysis
  - Foundations of Finance
  - Quantitative Research Methods

- the following four compulsory courses:
  - Information Systems Analysis
  - Information Systems Management
  - Information Technology in Electronic Commerce
  - Advanced Databases & Data Mining

- one core course from the following:
  - Web Development & Design
  - Electronic Commerce
  - Enterprise Systems in Business
  - Project Management & Information Systems.

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Commerce with a major in Accounting that meets professional accounting requirements

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis, Microeconomics 1, Foundations of Finance, Quantitative Research Methods</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Company Accounting, Law of Business Entities, Accounting Processes &amp; Systems, Introduction to Commercial Law</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Accounting Theory, Principles of Tax Law, Accounting Information Systems</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Auditing, Accounting major course from 3000 level (third-year)</td>
</tr>
</tbody>
</table>

Students in the combined program with Law should note they cannot take the courses Introduction to Commercial Law, Law of Business Entities, and Principles of Tax Law towards the requirements of the Accounting major if they have undertaken equivalent courses in the ANU College of Law.

PROFESSIONAL ACCREDITATION

A student undertaking the Accounting major can take a few additional courses in order to meet tertiary education requirements for direct entry into the professional programs of the accounting bodies in Australia. Students wishing to discuss the necessary sequence should contact the college office for details or refer to:

www.cbe.anu.edu.au/about/professional-organisations-accreditation

BUSINESS INFORMATION SYSTEMS MAJOR

The major in Business Information Systems is about the study of business information and its production, flows and usage within organisations. It encompasses both manual activities and those involving computing and telecommunications.

This major cannot be counted towards the Bachelor of Commerce component of the Bachelor of Commerce/Bachelor of Information Technology and Bachelor of Commerce/Bachelor of Software Engineering combined degree programs.

STRUCTURE

This major requires the completion of eight courses, which must include:

- three core courses from the following list:
  - Web Development & Design
  - Electronic Commerce
  - Information Technology in Electronic Commerce
  - Advanced Databases & Data Mining
  - Accounting Information Systems
  - Enterprise Systems in Business
  - Project Management & Information Systems

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Commerce with a major in Business Information Systems (BIS) meeting Australian Computer Society requirements

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis, Microeconomics 1, Introduction to Programming &amp; Algorithms</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Macroeconomics 1, Quantitative Research Methods, Relational Databases, Communication for Business</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Information Systems Analysis, Universty elective, University elective</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>BIS major course, College elective, University elective, University elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Information Systems Management, College elective, University elective, University elective</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Project Management &amp; Information Systems, Enterprise Systems in Business, University elective, University elective</td>
</tr>
</tbody>
</table>

Students in the combined program with Law should note they cannot take the courses Introduction to Commercial Law, Law of Business Entities, and Principles of Tax Law towards the requirements of the Accounting major if they have undertaken equivalent courses in the ANU College of Law.

“...The internship I took through CBE has definitely made me job ready. It’s made me really excited to get out there and experience the real-world work environment."

Megan Stokes
Bachelor of Economics/Commerce Intern with CHC Affordable Housing, Canberra Sydney, Australia

Photo: Holly Treadaway
CORPORATE SUSTAINABILITY MAJOR

The major in Corporate Sustainability examines the increasing constraints placed on business by both the natural environment and society, and how corporations create long-term value through innovative responses to these constraints. It is multidisciplinary, drawing together insights from management, marketing, accounting, economics, environmental science, law, politics and philosophy.

This major requires the completion of eight courses, which must include:

> three core courses from the following list (if not already completed towards the requirements of the major):
  - Business & the Natural Environment
  - Business & its Social Stakeholders
  - Business Reporting & Analysis
  - Corporate Social Responsibility, Accountability & Reporting
  - Corporate Sustainability
  - Corporate Strategy

> one core course from the following:
  - Business & the Natural Environment
  - Business & its Social Stakeholders
  - Business Reporting & Analysis
  - Corporate Social Responsibility, Accountability & Reporting
  - Corporate Strategy

> one core course from the following:
  - Resource & Environmental Economics (P) or Resource & Environmental Economics (H)
  - Sustainable Marketing

Note: Some courses have the completion of four courses listed as a prerequisite.

FINANCE MAJOR

The major in Finance introduces students to the concepts underpinning finance, applying them to the study of financial instruments and markets, financial decisions facing firms, investment decisions and portfolio management, derivatives and risk management. In addition, depending upon the electives chosen, students may study portfolio construction, corporate valuation and debt markets.

This major requires the completion of eight courses, which must include:

> one core course from the following:
  - Business Reporting & Analysis
  - Corporate Finance
  - Derivatives
  - Investments

> two core courses from the following list:
  - Corporate Valuation
  - Financial Intermediation & Debt Markets
  - Applied Portfolio Construction

> the following four compulsory courses:
  - Foundations of Finance
  - Corporate Finance
  - Derivatives
  - Investments

> one core course from the following list:
  - Foundations of Economic & Financial Models
  - Corporate Finance
  - Financial Intermediation & Debt Markets
  - Applied Portfolio Construction

CAREER OPTIONS

The aim of the major in Finance is to develop skills and competencies in students that will enable them to embark upon a professional career in the fields of financial management, financial consulting and planning, funds management, investment banking and stockbroking.

Bachelor of Commerce with a major in Finance

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis Microeconomics 1 Quantitative Research Methods Communication for Business</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Corporate Strategy Corporate Sustainability major course</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Corporate Sustainability major course</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Corporate Sustainability major course</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Corporate Social Responsibility, Accountability &amp; Reporting Corporate Sustainability major course</td>
</tr>
</tbody>
</table>

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Commerce with a major in Corporate Sustainability

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis Microeconomics 1 Quantitative Research Methods Communication for Business</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Corporate Strategy Corporate Finance</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Derivatives College elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Corporate Finance Corporate Finance</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Corporate Finance Corporate Finance</td>
</tr>
</tbody>
</table>

ANU College of Business & Economics

Photo: Holly Treadaway
ECONOMIC STUDIES MAJOR

The major in Economic Studies introduces students to the core concepts and techniques used in economic analysis with applications to a wide variety of issues, including economic development, public policy, macroeconomic forecasting, the design of financial contracts and industrial strategy. It is an exciting and broad-ranging major which offers insight into the ways that individuals make decisions and interact, the ways that businesses are structured and compete, and the role of government in economic activity.

INTERNATIONAL BUSINESS MAJOR

The major in International Business combines concepts from many disciplines to analyse the principal issues and considerations in the growth and functioning of international business organisations and activities.

STRUCTURE

This major requires the completion of eight courses, which must include:

- four core courses from the following list:
  - Microeconomics 1
  - Macroeconomics 1
  - Economics 1
  - Microeconomics 2
  - Macroeconomics 2
  - Economics 2
- one core course from the following list:
  - Microeconomics 3
  - Macroeconomics 3
- three core courses from the following list:
  - The Australian Economy: Past & Present
  - History of Economic Thought
  - The World Economy Since 1800
  - Japanese Economy & Economic Policy
  - Labour Economics & Industrial Relations
  - Behavioural Economics
  - Managerial Economics
  - Money & Banking
  - The Economy, Politics & the State
  - Law & Economics
  - Resource & Environmental Economics
  - Public Sector Economics
  - Cost-Benefit Analysis
  - Strategic Thinking: An Introduction to Game Theory
  - Development, Poverty & Famine
  - Financial Economics
  - Southeast Asian Economic Policy & Development
  - International Economics
  - Economic Policy Issues
  - Political Economy of Macroeconomic Policy
  - Industrial Organisation
  - Microeconomics 3
  - Macroeconomics 3
  - Game Theory
  - Foundations of Economic & Financial Models
  - Economies of Emerging Asia.

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Commerce with a major in Economic Studies

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis, Microeconomics 1, Quantitative Research Methods, Elective course</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Macroeconomics 1 or Economics 1'H, Communication for Business, College elective (List 1), Elective course</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Microeconomics 1, Economics core course, College elective (List 1), Elective course</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Macroeconomics 2 or Economics 2'H, Economics core course, College elective (List 1), Elective course</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Microeconomics 3, College elective (List 1), Elective course, Elective course</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Economics core course, College elective (List 1), Elective course, Elective course</td>
</tr>
</tbody>
</table>

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Commerce with a major in International Business (IB)

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis, Microeconomics 1, Quantitative Research Methods, Communication for Business</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>IB major course, IB major course, University elective, University elective</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>IB major course, IB major course, University elective, University elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>International Strategic Management, IB major course, University elective, University elective</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>IB major course, College elective, College elective, University elective</td>
</tr>
</tbody>
</table>

“My time in China completing my internship with National Australia Bank in Shanghai has absolutely changed my life and broadened my horizons. I will not hesitate to work overseas again.”

Stephanie Otten
Bachelor of Commerce/Asia–Pacific Studies
Melbourne, Australia
MANAGEMENT MAJOR

The major in Management incorporates disciplines to analyse the principal issues and considerations in business.

This major requires the completion of eight courses, including:

- the following four compulsory courses:
  - Management, People & Organisations
  - Organisational Behaviour
  - Human Resource Management & Strategy
  - Corporate Strategy

- one core course from the following:
  - Leadership
  - Entrepreneurship & Innovation

- three core courses from the following list (if not already completed towards the requirements of the major):
  - Cross-Cultural Management
  - Global Business Immersion
  - Labour Economics & Industrial Relations (P) or Labour Economics & Industrial Relations (H)
  - Corporate Sustainability
  - Employment Relations
  - Negotiation
  - Career Planning & Management
  - Managing Organisational Change
  - Techniques for Business Project Management
  - Business Ethics
  - Leadership
  - International Human Resource Management
  - Entrepreneurship & Innovation
  - Australian National Internships Program.

MARKETING MAJOR

The major in Marketing combines aspects of economics, commerce, psychology, sociology and statistical analysis in the assessment of market behaviour and the development of appropriate business responses.

This major requires the completion of eight courses, which must include:

- the following four compulsory courses:
  - Marketing Research
  - Marketing
  - Consumer Behaviour
  - Strategic Marketing

- four core courses from the following list:
  - International Marketing
  - Global Business Immersion
  - Services Marketing
  - Sustainable Marketing
  - Marketing for Financial Services
  - E-Marketing
  - Advertising
  - Social Marketing
  - Entrepreneurship & Innovation
  - Regression Modelling
  - Advanced Marketing Research Methods or Generalised Linear Modelling
  - Services Marketing
  - Australian National Internships Program.

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Commerce with a major in Management

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis Microeconomics 1 Quantitative Research Methods Management, People &amp; Organisations</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Macroeconomics 1 Organisational Behaviour Communication for Business</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Human Resource Management &amp; Strategy University elective University elective University elective</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Management major course Management major course College elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Corporate Strategy Management major course University elective University elective</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Management major course* College elective</td>
</tr>
</tbody>
</table>

* The Management major core course must be chosen from Leadership or Entrepreneurship & Innovation.

Bachelor of Commerce with a major in Marketing

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Reporting &amp; Analysis Microeconomics 1 Quantitative Research Methods Communication for Business</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Marketing major course University elective University elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Consumer Behaviour Marketing major course University elective University elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Marketing Research Marketing major course University elective University elective</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Strategic Marketing Marketing major course College elective</td>
</tr>
</tbody>
</table>

* Students intending to undertake honours in Marketing should take at least two of the following courses: Regression Modelling, Advanced Marketing Research Methods and Generalised Linear Modelling.

I chose to study at ANU because of its exceptional reputation, modern facilities and highly qualified teachers. The environment at ANU is one that stimulates intellectual curiosity and inspires students to aim for excellence.

Alex Dalczynski
Bachelor of Law (Honours)/Commerce
Canberra, Australia

Photo: CY Creations
The Bachelor of Economics program offers rigorous training in analytic tools, providing a better understanding of a wide variety of topical policy issues.

**ANU program code:** 3200  **UAC code:** 134003  **CRICOS code:** 002293B  **Duration:** three years full-time

**STRUCTURE**

The program consists of 24 courses, of which:

- a maximum of 10 courses can be taken at level 1000 (first-year classes)
- a minimum of 14 courses must come from levels 2000 and 3000 (second- and third-year classes).

The 24 courses must include:

- the following nine compulsory courses:
  - Microeconomics 1
  - Macroeconomics 1
  - Foundations of Economic & Financial Models
  - Quantitative Research Methods
  - Macroeconomics 2 or Economics 2(H)
  - Econometrics 1: Econometric Methods
  - Microeconomics 3
  - Macroeconomics 3
  - one course from the following list:
    - The Australian Economy: Past & Present
    - History of Economic Thought
    - The World Economy Since 1850
    - Behavioral Economics
    - Managerial Economics

- the following six compulsory courses:
  - Money & Banking
  - The Economy, Politics & the State
  - Law & Economics
  - Strategic Thinking: An Introduction to Game Theory
  - Development, Poverty & Famine
  - three elective courses from List 1 of the ANU College of Business and Economics

- three courses from List 2 of the ANU College of Business and Economics

- eight elective courses, which can be taken from any ANU college.

**TYPICAL FULL-TIME PATTERN OF STUDY**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Microeconomics 1</td>
<td>Macroeconomics 1</td>
</tr>
<tr>
<td></td>
<td>Quantitative Research Methods</td>
<td>Foundations of Economic &amp; Financial Models</td>
</tr>
<tr>
<td></td>
<td>College elective (List 1)</td>
<td>College elective (List 1)</td>
</tr>
<tr>
<td></td>
<td>University elective</td>
<td>University elective</td>
</tr>
<tr>
<td>2</td>
<td>Microeconomics 2</td>
<td>Econometrics 2</td>
</tr>
<tr>
<td></td>
<td>Econometric Methods</td>
<td>College elective (List 2)</td>
</tr>
<tr>
<td></td>
<td>College elective (List 2)</td>
<td>Economics core course</td>
</tr>
<tr>
<td></td>
<td>University elective</td>
<td>University elective</td>
</tr>
<tr>
<td>3</td>
<td>Microeconomics 3</td>
<td>Macroeconomics 3</td>
</tr>
<tr>
<td></td>
<td>College elective (List 1)</td>
<td>College elective (List 1)</td>
</tr>
<tr>
<td></td>
<td>2 x university electives</td>
<td>2 x university electives</td>
</tr>
</tbody>
</table>

Possible jobs for finance graduates include: financial trader or broker; financial manager or analyst; mathematical statistician; corporate treasurer; operations manager; financial consultant; and financial planner.

**CAREER OPTIONS**

The Bachelor of Economics provides a platform for a wide variety of careers across the public and private sectors. Economists play a crucial role in public policy, and are much in demand in many government departments and corporate organisations. There are also many opportunities for economists in international agencies, in areas such as global economic analysis, development, resource management and the environment.

Many firms employ economists to help understand the wider business environment and guide their business development strategies. Consultancy and accounting firms also employ economists to help guide their clients.

Financial institutions including banks, and in particular the Reserve Bank of Australia, actively recruit economists to advise them on the state of the economy and on risks from factors such as interest rate changes and exchange rate movements.

There is also a thriving national and international market for academic economists in high schools, colleges and universities.

The Bachelor of Finance is a specialised program offering rigorous training in the theory and applications of finance.

**ANU program code:** 3408  **UAC code:** 133203  **CRICOS code:** 039746C  **Duration:** three years full-time

**STRUCTURE**

The program consists of 24 courses, of which:

- a maximum of 10 courses can be taken at level 1000 (first-year classes)
- a minimum of 14 courses must come from levels 2000 and 3000 (second- and third-year classes).

The 24 courses must include:

- six compulsory courses:
  - Business Reporting & Analysis
  - Microeconomics 1
  - Financial Mathematics
  - eight elective courses, which can be taken from the ANU College of Business and Economics or any other ANU college.

**TYPICAL FULL-TIME PATTERN OF STUDY**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Business Reporting &amp; Analysis</td>
<td>Macroeconomics 1</td>
</tr>
<tr>
<td></td>
<td>Microeconomics 1</td>
<td>Corporate Finance</td>
</tr>
<tr>
<td></td>
<td>Econometrics 1</td>
<td>Foundations of Finance</td>
</tr>
<tr>
<td></td>
<td>Econometric Methods</td>
<td>Quantitative Research Methods</td>
</tr>
<tr>
<td></td>
<td>College elective</td>
<td>University elective</td>
</tr>
<tr>
<td></td>
<td>2 x major courses</td>
<td>College elective</td>
</tr>
<tr>
<td>2</td>
<td>Major course</td>
<td>College elective</td>
</tr>
<tr>
<td></td>
<td>2 x university electives</td>
<td>University elective</td>
</tr>
<tr>
<td>3</td>
<td>2 x major courses</td>
<td>Major course</td>
</tr>
<tr>
<td></td>
<td>College elective</td>
<td>3 x university electives</td>
</tr>
<tr>
<td></td>
<td>University elective</td>
<td>University elective</td>
</tr>
</tbody>
</table>

Finance has applications in many fields including banking, financial consulting and planning, funds management, merchant banking, stockbroking and treasury.

Possible jobs for finance graduates include: financial trader or broker; financial manager or analyst; mathematical statistician; corporate treasurer; operations manager; financial consultant; and financial planner.

I chose ANU because my flexible double degree allowed me to combine my interests, and I wanted to study at a university that is surrounded by national institutions. This is currently my fourth year on campus, and living here whilst studying has really enhanced my university experience.

Alma Jovanovic
Bachelor of Laws (Honours)/ Commerce
Perth, Australia

Photo: Holly Treadaway
The major in Capital Markets applies the basic concepts introduced in the core Finance course, Foundations of Finance, to study financial decisions facing the firm; investment decisions and portfolio management; derivatives and risk management; portfolio construction; corporate valuation; and debt markets.

The major in Capital Markets develops skills and competencies in students that will enable them to embark upon a professional career in corporate financial management, financial consulting and planning, funds management, investment banking and stockbroking.

This major consists of eight compulsory courses:
- Corporate Finance
- Derivatives
- Investments
- Corporate Valuation
- Financial Intermediation & Debt Markets
- Portfolio Construction
- Corporate Strategy
- Regression Modelling.

**QUANTITATIVE FINANCE MAJOR**

The major in Quantitative Finance builds skills in the concepts and techniques required for statistical analysis and modelling, risk management, model calibration, and derivatives pricing in the financial market.

Students develop competency in both the theory and the implementation.

The analytic skills obtained are highly beneficial for a career in a hedge fund, funds management, derivatives trading and sales, risk management or consulting.

This major requires the completion of eight compulsory courses:
- Corporate Finance
- Derivatives
- Investments
- Continuous Time Finance
- Advanced Derivatives Pricing & Applications
- Introductory Mathematical Statistics
- Regression Modelling
- Introduction to Stochastic Processes.

**CAPITAL MARKETS MAJOR**

The major in Capital Markets is designed for students who want to specialise their study of finance within the Asian region. This major can spend one semester of study at a university within the Asian region, giving them invaluable exposure to the study and practice of finance within Asia. This major is aimed at students who are keen to equip themselves with a program that will prepare them to excel in the Asian financial marketplace.

The major requires the completion of eight compulsory courses, including:
- Corporate Finance
- Derivatives
- Investments
- Regression Modelling

AND other:
- four courses (24 units) from an approved university exchange partner in Asia

OR:
- Corporation Valuation
- Financial Intermediation & Debt Markets
- Portfolio Construction
- Asian Capital Markets.

The Bachelor of Finance with the Capital Markets major is recognised as a CFA Program Partner by the CFA Institute.

**ASIAN CAPITAL MARKETS MAJOR**

The major in Asian Capital Markets is designed for students who want to specialise their study of finance within the Asian region. Students in this major can spend one semester of study at a university within the Asian region, giving them invaluable exposure to the study and practice of finance within Asia. This major is aimed at students who are keen to equip themselves with a program that will prepare them to excel in the Asian financial marketplace.

The major requires the completion of eight compulsory courses, including:
- Corporate Finance
- Derivatives
- Investments
- Regression Modelling

AND other:
- four courses (24 units) from an approved university exchange partner in Asia

OR:
- Corporation Valuation
- Financial Intermediation & Debt Markets
- Portfolio Construction
- Asian Capital Markets.

**TYPICAL FULL-TIME PATTERN OF STUDY**

Bachelor of Finance with a major in Capital Markets

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Business Reporting &amp; Analysis</td>
<td>Macroeconomics 1</td>
</tr>
<tr>
<td></td>
<td>Microeconomics 1</td>
<td>Corporate Finance</td>
</tr>
<tr>
<td></td>
<td>Foundations of Finance</td>
<td>Finance core course*</td>
</tr>
<tr>
<td></td>
<td>Quantitative Research Methods</td>
<td>University elective</td>
</tr>
<tr>
<td>2</td>
<td>Investments</td>
<td>Derivatives</td>
</tr>
<tr>
<td></td>
<td>Corporate Strategy</td>
<td>College elective</td>
</tr>
<tr>
<td></td>
<td>Regression Modelling</td>
<td>2 x university electives</td>
</tr>
<tr>
<td>3</td>
<td>Corporate Valuation</td>
<td>Portfolio Construction</td>
</tr>
<tr>
<td></td>
<td>Financial Intermediation &amp; Debt Markets</td>
<td>College elective</td>
</tr>
<tr>
<td></td>
<td>2 x university electives</td>
<td>2 x university electives</td>
</tr>
</tbody>
</table>

* The Finance core course must be chosen from Foundations of Economic & Financial Models, Marketing for Financial Services or Financial Mathematics.

**Students may not take both a major in Asian Capital Markets and in Capital Markets.**

The Bachelor of Finance with the Capital Markets major is recognised as a CFA Program Partner by the CFA Institute.
**BACHELOR OF INTERNATIONAL BUSINESS**

In this program, the study of core International Business subjects is enhanced through the study of a language and the culture of a specific region.

**ANU program code:** 3409  
**UAC code:** 133303  
**CRICOS code:** 04747B  
**Duration:** three years full-time

**STRUCTURE**

The program consists of 24 courses, of which:

- a maximum of 10 courses can be taken at level 1000 (first-year classes)
- 14 courses must come from levels 2000 and 3000 (second- and third-year classes).

The 24 courses must include:

- the four ANU College of Business and Economics courses comprising the Business and Economics Essentials minor
- the following two compulsory courses:
  - International Business
  - International Strategic Management

One course from the following list must be taken in the first two years of their program to continue to the honours year. Students who do not achieve a minimum of 75% weighted average mark in the first two years will be transferred to a Bachelor of Commerce.

**CAREER OPTIONS**

Graduates can find work as international trade specialists, in global sourcing, the import and export business, international business development, international marketing and international accounting.

**TYPICAL FULL-TIME PATTERN OF STUDY**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
</table>
| 1    | Quantitative Research Methods  
Foundations of Finance  
Microeconomics 1  
Advanced Mathematics & Applications 1 | Business Reporting & Analysis  
Economics 1 (Honours)  
Advanced Mathematics & Applications 2 |
| 2    | Introductory Mathematical Statistics  
Investments  
Microeconomics 2  
Investments | Game Theory (Honours)  
Economics 2 (Honours)  
Course from MATH list |
| 3    | Econometrics 1  
Statistical Inference  
Microeconomics 3  
Corporate Valuation | Econometrics 3 (Honours)  
Advanced Mathematical Statistics  
Microeconomics 3  
Financial Mathematics or  
Statistical Learning |
| 4    | Honours year | Honours year |

**BACHELOR OF FINANCE, ECONOMICS AND STATISTICS (HONOURS)**

The Bachelor of Finance, Economics and Statistics (Honours) is an elite four-year honours program that integrates the three disciplines to foster a deep understanding of all three of these fields.

**ANU program code:** 4405  
**UAC code:** 134300  
**CRICOS code:** 09822G  
**Duration:** four years full-time (commences in Semester 1 only)

**STRUCTURE**

The program consists of 32 courses, of which:

- 21 courses must include the following compulsory courses:
  - Business Reporting & Analysis
  - Economics 1 Honours or Macroeconomics 1
  - Microeconomics 1
  - Microeconomics 2
  - Game Theory (Honours)
  - Economics 2 (Honours)
  - Economics 3 (Honours)
  - Microeconomics 3
  - Macroeconomics 3
  - Econometrics 1: Econometric Methods
  - Foundations of Finance
  - Corporate Finance
  - Derivatives
  - Investments
  - Corporate Valuation
  - Quantitative Research Methods
  - Advanced Mathematics & Applications 1
  - Advanced Mathematics & Applications 2
  - Introductory Mathematical Statistics
  - Statistical Inference
  - Advanced Mathematical Statistics

- one course from the following list:
  - Financial Mathematics
  - Financial Economics
  - Statistical Learning

- one course with an ECON code
  - see programsandcourses.anu.edu.au for the full list of ECON courses

- an honours program in Finance, Economics or Statistics must be completed.

Note: Students must achieve a minimum 75% weighted average mark in the first three years of their program to continue to the honours year. Students who do not achieve a minimum of 75% weighted average mark in the first three years will be transferred to a Bachelor of Economics.

**CAREER OPTIONS**

Unique in its joint emphasis on Finance, Economics and Statistics, this program will prepare graduates for a career in any field that values a rigorous, research-led, quantitative education. Graduates of this elite program will be highly sought after by government and industry for specialist roles such as:

- data scientist
- economic analyst
- investment banker
- management consultant
- financial analyst
- funds manager
- statistician
- quantitative analyst.

The Bachelor of Finance, Economics and Statistics (Honour) also provides a sound platform for those planning to continue their academic work, giving a competitive edge for entry into leading international PhD programs.

**TYPICAL FULL-TIME PATTERN OF STUDY**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
</table>
| 1    | Quantitative Research Methods  
Foundations of Finance  
Microeconomics 1  
Advanced Mathematics & Applications 1 | Business Reporting & Analysis  
Economics 1 (Honours)  
Advanced Mathematics & Applications 2 |
| 2    | Introductory Mathematical Statistics  
Investments  
Microeconomics 2  
Investments | Game Theory (Honours)  
Economics 2 (Honours)  
Course from MATH list |
| 3    | Econometrics 1  
Statistical Inference  
Microeconomics 3  
Corporate Valuation | Econometrics 3 (Honours)  
Advanced Mathematical Statistics  
Microeconomics 3  
Financial Mathematics or  
Statistical Learning |
| 4    | Honours year | Honours year |
This is a unique and challenging program for elite students combining the expertise of two institutions of high international standing: ANU in Canberra and the National University of Singapore.

**BACHELOR OF SOCIAL SCIENCES (HONOURS IN ACTUARIAL STUDIES AND ECONOMICS)**

The program information below is current for students commencing in 2018. The Bachelor of Social Sciences is being redeveloped for 2019 because of changes to the Actuaries Institute education program. The information below will be updated once the program changes for 2019 are finalised.

Please refer to the Actuaries Institute website for information about the education program changes and the requirements to become an Associate and Fellow of the Actuaries Institute. For information about ANU’s accreditation agreement with the Actuaries Institute, visit: cbe.anu.edu.au/about/professional-organisations-accreditation/actuaries-institute-australia/exemption-policy

Please see the programs and courses website for the most recent information about the program.

**STRUCTURE FOR 2018 COMMENCING STUDENTS**

The Economics element of the program is offered by NUS. It consists of 16 courses, including the honours thesis which is completed in the final semester. Students also complete two exposure modules from the Faculty of Arts and Social Sciences at NUS.

The Actuarial Studies element is completed at ANU starting in the fourth semester of the program and, like the Bachelor of Actuarial Studies, is fully accredited by the Actuaries Institute. It consists of 14 compulsory programs and two elective courses to be taken within the ANU College of Business and Economics.

The general requirements of the program are:

- **Courses at NUS**
  - Introduction to Economic Analysis
  - Foundations for Econometrics
  - Mathematical Economics
  - Real Analysis
  - Microeconomic Analysis I
  - Macroeconomic Analysis I
  - Econometrics I
  - Financial Mathematics and Applications
  - Scientific Computing
  - Economics
  - Microeconomic Analysis II
  - Macroeconomic Analysis II
  - Econometrics II
  - Mathematical Economics
  - Real Analysis
  - Microeconomic Analysis III
  - Macroeconomic Analysis III
  - Honours thesis

> **Courses at ANU**
> - Survival Models
> - Risk Theory
> - Credit Risk Theory
> - Life Contingencies
> - Actuarial Techniques
> - Actuarial Control Cycle A1
> - Actuarial Control Cycle A2
> - Actuarial Control Cycle B1
> - two elective courses from the ANU College of Arts and Social Sciences and the ANU College of Asia and the Pacific
> - Actuarial Techniques
> - Actuarial Control Cycle A1
> - Actuarial Control Cycle A2
> - Actuarial Control Cycle B1
> - two elective courses from the ANU College of Arts and Social Sciences and the ANU College of Asia and the Pacific

Courses at NUS

- Introduction to Financial Economics
- Continuous Time Finance
- Financial Mathematics
- Introduction to Mathematical Statistics
- Introduction to Stochastic Processes

The program consists of 24 courses, of which:

- a maximum of 10 courses can be taken at level 1000 (first-year classes)
- The 24 courses must include:
  - eight courses from the compilation of one of the following Statistics majors:
    - Applied Statistics
    - Probability & Stochastic Processes
    - Statistical Data Analytics
    - Theoretical Statistics
  - the following three compulsory courses:
    - Introductory Mathematical Statistics
    - Regression Modelling
    - Introduction to Stochastic Processes

> one introductory Statistics course from the following list:
- Statistical Techniques
- Quantitative Research Methods
- Statistical Data Analytics
- Theoretical Statistics

> one core course from the following list:
- Introduction to Programming & Algorithms
- The Craft of Computing

> two introductory Mathematics courses from the following list:
- Mathematics & Applications 1
- Mathematics & Applications 2
- Mathematics & Applications 3
- Mathematics & Applications 4

An ability to understand, analyse and draw insights from statistical data has become an ever more valuable skill in the modern world.

Graduates of the Bachelor of Statistics will be well prepared for careers in many areas including:

- applied research, for example market research
- academic research, particularly in the social sciences
- the public sector, which employs statisticians to assist with policy and program development and evaluation
- finance and banking sectors, as a business analyst.

**ANU** is an amazing research-intensive university where you learn fundamental knowledge that prepares you for the workforce. I have amazing lecturers who are very interested in the topics they teach; they can help with connecting classroom knowledge to the real world. If you want a really good education then come to ANU.

Grove Lin
Bachelor of Economics/Actuarial Studies
New Zealand

**BACHELOR OF STATISTICS**

The Bachelor of Statistics offers a rigorous program of training in the theory and application of statistics.

**ANU program code:** 3407  **UAC code:** 134200  **CRICOS code:** 061240A  **Duration:** three years full-time

**STRUCTURE**

- a maximum of 10 courses can be taken at level 1000 (first-year classes)
- The 24 courses must include:
  - eight courses from the compilation of one of the following Statistics majors:
    - Applied Statistics
    - Probability & Stochastic Processes
    - Statistical Data Analytics
    - Theoretical Statistics
  - the following three compulsory courses:
    - Introductory Mathematical Statistics
    - Regression Modelling
    - Introduction to Stochastic Processes

- one introductory Statistics course from the following list:
- Statistical Techniques
- Quantitative Research Methods
- Statistical Data Analytics
- Theoretical Statistics

- one core course from the following list:
- Introduction to Programming & Algorithms
- The Craft of Computing

- two introductory Mathematics courses from the following list:
- Mathematics & Applications 1
- Mathematics & Applications 2
- Mathematics & Applications 3
- Mathematics & Applications 4

A Bachelor of Statistics will be awarded to students who have completed the following program requirements:

- eight courses from the compilation of one of the following Statistics majors:
  - Applied Statistics
  - Probability & Stochastic Processes
  - Statistical Data Analytics
  - Theoretical Statistics
- the following three compulsory courses:
  - Introductory Mathematical Statistics
  - Regression Modelling
  - Introduction to Stochastic Processes

- one core course from the following list:
- Introduction to Programming & Algorithms
- The Craft of Computing

- two introductory Mathematics courses from the following list:
- Mathematics & Applications 1
- Mathematics & Applications 2
- Mathematics & Applications 3
- Mathematics & Applications 4

**CAREER OPTIONS**

An ability to understand, analyse and draw insights from statistical data has become an ever more valuable skill in the modern world.

Graduates of the Bachelor of Statistics will be well prepared for careers in many areas including:

- applied research, for example market research
- academic research, particularly in the social sciences
- the public sector, which employs statisticians to assist with policy and program development and evaluation
- finance and banking sectors, as a business analyst.

**“**

Studying at ANU is about unlocking my potential and dreaming big. I would have never imagined that I would volunteer in the Czech Republic, work as a part-time analyst, complete a summer course at London School of Economics, intern with the top reinsurer in the world and complete an honours thesis.

Stacey Lin
Bachelor of Actuarial Studies/Statistics
China
# PROBABILITY AND STOCHASTIC PROCESSES MAJOR

Variability, randomness, risk, and related attributes characterize most measurable phenomena in the real world. Probability and Stochastic Processes are concerned with random phenomena occurring dynamically in time or space, or both. They play a critical role in the theory and methods of a wide range of physical, medical, engineering and social sciences, and many others. A good understanding of probability is essential for the study of Statistics. Probability theory is both mathematically elegant and remarkably practical, and the distinction it makes between deterministic and stochastic modelling is fundamental to real-world applications, especially in the areas of insurance risk, genetics and evolutionary biology, climatology, epidemiology, criminology, time series modelling and forecasting, signal processing and detection, and derivatives pricing and financial mathematics.

## STRUCTURE

This major requires the completion of 48 units, which must consist of:

- 24 units from completion of the following compulsory courses:
  - Graphical Data Analysis
  - Design of Experiments & Surveys
  - Generalised Linear Modelling
  - Survival Models

- 12 units from completion of further courses from the subject area Econometrics (EMET)

## TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Probability and Stochastic Processes

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Statistical Techniques</td>
<td>1</td>
<td>1</td>
<td>Statistical Techniques</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mathematics &amp; Applications 1</td>
<td></td>
<td></td>
<td>Mathematics &amp; Applications 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Introduction to Programming &amp; Algorithms</td>
<td></td>
<td></td>
<td>Introduction to Programming &amp; Algorithms</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics</td>
<td>2</td>
<td>1</td>
<td>Mathematics &amp; Applications 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Regression Modelling</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Games, Graphs &amp; Machines</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STAT course</td>
<td></td>
<td></td>
<td>STAT course</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>STAT course</td>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Design of Experiments &amp; Surveys</td>
<td></td>
<td></td>
<td>Regression Modelling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Survival Models</td>
<td></td>
<td></td>
<td>Games, Graphs &amp; Machines</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMET course</td>
<td></td>
<td></td>
<td>Applied Mathematics 1</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Graphical Data Analysis</td>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>STAT course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Statistical Inference</td>
<td>2</td>
<td>1</td>
<td>Advanced Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stochastic Modelling</td>
<td></td>
<td></td>
<td>Advanced Stochastic Processes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STAT course</td>
<td></td>
<td></td>
<td>Applied Mathematics 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Statistical Inference</td>
<td>2</td>
<td>1</td>
<td>Advanced Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stochastic Modelling</td>
<td></td>
<td></td>
<td>Advanced Stochastic Processes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STAT course</td>
<td></td>
<td></td>
<td>Applied Mathematics 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
</tbody>
</table>

## TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Applied Statistics

As John Naisbett said of modern society, "we are drowning in information but starved for knowledge". One of the most in-demand roles these days is that of applied statistician—the key person essential for decision-making and for understanding our data-driven world. In this major, you will learn to understand and use a wide array of statistical modelling techniques that will empower you to make sense of data and offer insights to a wide variety of disciplines, from archaeology to zoology and almost everything in between. If there are data, there is a need for applied statistics.

## STRUCTURE

This major requires the completion of 48 units, which must consist of:

- 24 units from completion of the following compulsory courses:
  - Graphical Data Analysis
  - Design of Experiments & Surveys
  - Generalised Linear Modelling
  - Survival Models

- six units from completion of courses from the following list:
  - Applied Statistics
  - Introduction to Bayesian Data Analysis

- 6 units from completion of courses from the subject area Econometrics (EMET)

## TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Applied Statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Statistical Techniques</td>
<td>1</td>
<td>1</td>
<td>Statistical Techniques</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mathematics &amp; Applications 1</td>
<td></td>
<td></td>
<td>Mathematics &amp; Applications 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Introduction to Programming &amp; Algorithms</td>
<td></td>
<td></td>
<td>Introduction to Programming &amp; Algorithms</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics</td>
<td>2</td>
<td>1</td>
<td>Mathematics &amp; Applications 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Regression Modelling</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Games, Graphs &amp; Machines</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STAT course</td>
<td></td>
<td></td>
<td>STAT course</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>STAT course</td>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Design of Experiments &amp; Surveys</td>
<td></td>
<td></td>
<td>Regression Modelling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Survival Models</td>
<td></td>
<td></td>
<td>Games, Graphs &amp; Machines</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMET course</td>
<td></td>
<td></td>
<td>Applied Mathematics 1</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Graphical Data Analysis</td>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>STAT course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>STAT course</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Statistical Inference</td>
<td>2</td>
<td>1</td>
<td>Advanced Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stochastic Modelling</td>
<td></td>
<td></td>
<td>Advanced Stochastic Processes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STAT course</td>
<td></td>
<td></td>
<td>Applied Mathematics 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Statistical Inference</td>
<td>2</td>
<td>1</td>
<td>Advanced Mathematical Statistics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stochastic Modelling</td>
<td></td>
<td></td>
<td>Advanced Stochastic Processes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STAT course</td>
<td></td>
<td></td>
<td>Applied Mathematics 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td>Elective</td>
</tr>
</tbody>
</table>

## TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Applied Statistics

As John Naisbett said of modern society, "we are drowning in information but starved for knowledge". One of the most in-demand roles these days is that of applied statistician—the key person essential for decision-making and for understanding our data-driven world. In this major, you will learn to understand and use a wide array of statistical modelling techniques that will empower you to make sense of data and offer insights to a wide variety of disciplines, from archaeology to zoology and almost everything in between. If there are data, there is a need for applied statistics.

## STRUCTURE

This major requires the completion of 48 units, which must consist of:

- 24 units from completion of the following compulsory courses:
  - Graphical Data Analysis
  - Design of Experiments & Surveys
  - Generalised Linear Modelling
  - Survival Models

- six units from completion of courses from the following list:
  - Applied Statistics
  - Introduction to Bayesian Data Analysis

- 6 units from completion of courses from the subject area Econometrics (EMET)

## TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Applied Statistics

As John Naisbett said of modern society, "we are drowning in information but starved for knowledge". One of the most in-demand roles these days is that of applied statistician—the key person essential for decision-making and for understanding our data-driven world. In this major, you will learn to understand and use a wide array of statistical modelling techniques that will empower you to make sense of data and offer insights to a wide variety of disciplines, from archaeology to zoology and almost everything in between. If there are data, there is a need for applied statistics.

## STRUCTURE

This major requires the completion of 48 units, which must consist of:

- 24 units from completion of the following compulsory courses:
  - Graphical Data Analysis
  - Design of Experiments & Surveys
  - Generalised Linear Modelling
  - Survival Models

- six units from completion of courses from the following list:
  - Applied Statistics
  - Introduction to Bayesian Data Analysis

- 6 units from completion of courses from the subject area Econometrics (EMET)

## TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Applied Statistics

As John Naisbett said of modern society, "we are drowning in information but starved for knowledge". One of the most in-demand roles these days is that of applied statistician—the key person essential for decision-making and for understanding our data-driven world. In this major, you will learn to understand and use a wide array of statistical modelling techniques that will empower you to make sense of data and offer insights to a wide variety of disciplines, from archaeology to zoology and almost everything in between. If there are data, there is a need for applied statistics.
THEORETICAL STATISTICS MAJOR

The Theoretical Statistics major provides the mathematical underpinnings of modern statistical practices of estimation, inference and prediction. The major explores both classical approaches to estimation and testing, such as maximum likelihood and the frequentist approach, as well as Bayesian methods that have become ubiquitous parts of modern data analysis. The major covers the theory needed to understand statistical modelling through a variety of lenses: parametric, non-parametric, large-sample theory, small-sample behaviour, robustness, and the use of prior information.

STRUCTURE

This major requires the completion of 48 units, which must include:

> 30 units from completion of the following compulsory courses:
  - Graphical Data Analysis
  - Generalised Linear Modelling
  - Introduction to Bayesian Data Analysis

> 12 units from completion of Computer Science courses from the following list:
  - Programming for Scientists
  - Relational Databases
  - Introduction to Data Management, Analysis & Security

> 6 units from completion of further courses from the subject area Statistics (STAT)

> 18 units from completion of further courses from the subject area Statistics (STAT)

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Theoretical Statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Statistical Techniques Mathematics &amp; Applications 1 Introduction to Programming &amp; Algorithms</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Mathematics &amp; Applications 2 Elective Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics Regression Modelling Games, Graphs &amp; Machines COM course</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Introduction to Stochastic Processes Generalised Linear Modelling Introduction to Bayesian Data Analysis Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Statistical Inference COM course STAT course Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Graphical Data Analysis Big Data Statistics Elective Elective</td>
</tr>
</tbody>
</table>

TYPICAL FULL-TIME PATTERN OF STUDY

Bachelor of Statistics with a major in Statistical Data Analytics

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Statistical Techniques Mathematics &amp; Applications 1 Introduction to Programming &amp; Algorithms</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Mathematics &amp; Applications 2 STAT course Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Introductory Mathematical Statistics Regression Modelling Games, Graphs &amp; Machines STAT course</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Introduction to Stochastic Processes MATH course STAT course Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Statistical Inference STAT course Elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Business &amp; Economic Forecasting Introduction to Bayesian Data Analysis Advanced Mathematical Statistics Elective</td>
</tr>
</tbody>
</table>

The small class sizes have been a really positive aspect of my ANU experience. It's meant that I've had much greater personal contact with my tutors and academics, and they are much more able to take a genuine interest in my learning.

Callum Dillon
Bachelor of Economics/Arts
Armidale (NSW), Australia

Photo: Holly Treadaway
ANU is more than just a collection of world rankings, program offerings and campus events. Most importantly, ANU is a place to belong.

Finding your place outside of the classroom will become a really important part of your university experience. But don’t worry, we have you covered.

At ANU, there are more than 200 student clubs and societies and 65 student associations, which means there is something for everyone.

ANU also has an array of student services that extend beyond the lecture halls and tutorial rooms to help make you feel at home.
The ANU College of Business and Economics is committed to supporting talented students and offers a number of college-specific scholarships available to both Australian and international students.

The table below summarises the scholarships offered by the college for undergraduate students.

### Domestic undergraduate scholarships

<table>
<thead>
<tr>
<th>Scholarship</th>
<th>Value (SA)</th>
<th>Number on offer</th>
<th>Online application required</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANU College of Business and Economics National Excellence Scholarship</td>
<td>$3,000 per year (up to four years)</td>
<td>15</td>
<td>Automatic application through Universities Admissions Centre (UAC)</td>
</tr>
<tr>
<td>ANU College of Business and Economics Regional and Rural Relocation Grant</td>
<td>$5,000 per year (up to four years)</td>
<td>10</td>
<td>Automatic application through UAC</td>
</tr>
<tr>
<td>ANU College of Business and Economics Access Scholarship</td>
<td>$10,000 per annum (up to five years)</td>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics Undergraduate Scholarships for Aboriginal or Torres Strait Islanders</td>
<td>$10,000 per annum</td>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>Dixon-Walsh Scholarship</td>
<td>$10,000 per annum</td>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>Bhavita Patel Undergraduate Scholarship</td>
<td>$10,000 per annum</td>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics D. Brownbill Family Scholarship</td>
<td>$6,000 per annum (up to five years)</td>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>Mitchell Regional/Rural Scholarship</td>
<td>$2,000 per annum</td>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics Tertiary Scholarship</td>
<td>$10,000 per annum</td>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics National Excellence Scholarship</td>
<td>$5,000 in the first year followed by 10% tuition fee waiver for years of study thereafter</td>
<td>Several awarded</td>
<td>Yes</td>
</tr>
<tr>
<td>Research School of Finance, Actuarial Studies &amp; Statistics National University of Singapore Travel Scholarship</td>
<td>$10,000 per annum</td>
<td>4</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### International undergraduate scholarships

<table>
<thead>
<tr>
<th>Scholarship</th>
<th>Value (SA)</th>
<th>Number on offer</th>
<th>Online application required</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANU College of Business and Economics International Undergraduate Scholarship</td>
<td>100% tuition fee waiver for the standard duration of program</td>
<td>6</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics South East Asia Merit Scholarship</td>
<td>30% tuition fee waiver for the standard duration of program</td>
<td>16</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics India Excellence Scholarship</td>
<td>$10,000 one-off payment</td>
<td>20</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics International Partner Scholarship</td>
<td>$10,000 per annum for 2 years</td>
<td>12</td>
<td>Yes</td>
</tr>
<tr>
<td>ANU College of Business and Economics International Merit Scholarship for Foundation Studies</td>
<td>50% tuition fee waiver for one semester</td>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>Research School of Accounting India Merit Scholarship</td>
<td>50% tuition fee waiver for the standard duration of program</td>
<td>4</td>
<td>Yes</td>
</tr>
<tr>
<td>Research School of Finance, Actuarial Studies and Statistics India Undergraduate Merit Scholarship</td>
<td>$10,000 per annum for the standard duration of program</td>
<td>15</td>
<td>Yes</td>
</tr>
<tr>
<td>Research School of Accounting Indonesia University Partner Scholarship</td>
<td>$10,000 per annum for the standard duration of program</td>
<td>2</td>
<td>Yes</td>
</tr>
<tr>
<td>Research School of Finance, Actuarial Studies and Statistics National University of Singapore Travel Scholarship</td>
<td>$10,000 one-off payment</td>
<td>4</td>
<td>No</td>
</tr>
<tr>
<td>ANU Excellence Scholarship Program</td>
<td>$5,000 in the first year followed by 10% tuition fee waiver for years of study thereafter</td>
<td>Several awarded</td>
<td>Yes</td>
</tr>
</tbody>
</table>

I’ve never considered myself as a scholar, but this scholarship proves that nothing is beyond reach if given the chance. I am extremely grateful for this opportunity.

Vernon Mah

International Undergraduate Scholarship 2017

For more information about these scholarships, and how to apply, visit the college’s scholarships web page:

cbe.anu.edu.au/scholarships

There are also many ANU-wide scholarships on offer. For more information about university-administered awards, visit the ANU scholarships page at:

students.anu.edu.au/scholarships/ug
Welcome to your new home

Accommodation guarantee

We guarantee accommodation to interstate domestic students and international students who:

> receive and accept their offer to study at ANU within the advertised dates
> apply for accommodation before the closing date for each application round
> are in their first year of study at ANU, starting in their first semester, whether that is Semester 1 or 2.
> are enrolled full-time.

ANU has 11 different residences for undergraduate students. You can nominate a fully catered, self-catered or apartment-style residence. All have laundry facilities, outdoor spaces and study rooms, and are within easy walking distance to shops, cafes, restaurants, sporting facilities, nightlife and public transport.

anu.edu.au/study/accommodation

<table>
<thead>
<tr>
<th>Residence</th>
<th>Weekly tariff</th>
<th>Registration fee</th>
<th>Refundable deposit</th>
<th>Building maintenance levy</th>
<th>Residential community fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bruce Hall</td>
<td>From $401.56 per week for up to 43 weeks</td>
<td>$300</td>
<td>$1,000</td>
<td>Included</td>
<td>$165</td>
</tr>
<tr>
<td>Burgmann College</td>
<td>From $412.00 per week for up to 46 weeks</td>
<td>$447</td>
<td>$1,000</td>
<td>$221</td>
<td>$200</td>
</tr>
<tr>
<td>Burgmann College Postgraduate Village</td>
<td>From $269.00 per week for up to 46 weeks</td>
<td>$447</td>
<td>$1,000</td>
<td>$221</td>
<td>$200</td>
</tr>
<tr>
<td>Burton &amp; Garran Hall</td>
<td>From $220.44 per week for up to 43 weeks</td>
<td>$300</td>
<td>$1,000</td>
<td>Included</td>
<td>$150</td>
</tr>
<tr>
<td>Davey Lodge</td>
<td>From $294.73 per week for up to 52 weeks</td>
<td>$300</td>
<td>Included</td>
<td>Included</td>
<td>$100</td>
</tr>
<tr>
<td>Fenner Hall</td>
<td>From $231.34 per week for up to 45 weeks</td>
<td>$300</td>
<td>$1,000</td>
<td>Included</td>
<td>$200</td>
</tr>
<tr>
<td>Graduate House</td>
<td>From $264.06 per week for up to 52 weeks</td>
<td>$300</td>
<td>$500</td>
<td>Included</td>
<td>—</td>
</tr>
<tr>
<td>John XXIII College</td>
<td>From $410.00 per week for up to 41 weeks</td>
<td>$415</td>
<td>$300</td>
<td>Included</td>
<td>$490</td>
</tr>
<tr>
<td>Kinloch Lodge</td>
<td>From $256.68 per week for up to 52 weeks</td>
<td>$300</td>
<td>Included</td>
<td>Included</td>
<td>$100</td>
</tr>
<tr>
<td>Lens Karmel Lodge</td>
<td>From $236.14 per week for up to 52 weeks</td>
<td>$300</td>
<td>Included</td>
<td>Included</td>
<td>$100</td>
</tr>
<tr>
<td>Toad Hall</td>
<td>From $220.46 per week for up to 45 weeks</td>
<td>$300</td>
<td>$1,000</td>
<td>Included</td>
<td>$140</td>
</tr>
<tr>
<td>University House</td>
<td>From $211.23 per week for up to 52 weeks</td>
<td>$300</td>
<td>$500</td>
<td>Included</td>
<td>—</td>
</tr>
<tr>
<td>Ursula Hall Laurus Wing</td>
<td>From $278.33 per week for up to 52 weeks</td>
<td>$300</td>
<td>$1,000</td>
<td>Included</td>
<td>$175</td>
</tr>
<tr>
<td>Ursula Hall Main Wing</td>
<td>From $281.85 per week for up to 43 weeks</td>
<td>$300</td>
<td>$1,000</td>
<td>Included</td>
<td>$175</td>
</tr>
<tr>
<td>Warrumbul Lodge</td>
<td>From $231.15 per week for up to 52 weeks</td>
<td>$300</td>
<td>Included</td>
<td>Included</td>
<td>$100</td>
</tr>
</tbody>
</table>

Please note:
Some halls, colleges and lodges charge extra for phone, internet connections and other services. The fees listed in the table are for 2019 and are subject to change. Go to anu.edu.au/study/accommodation for updates on current fees and any other costs involved. All figures in this table are in Australian dollars.
How to apply

DOMESTIC STUDENTS
You are a domestic applicant if you:
- are an Australian or New Zealand citizen
- hold an Australian Permanent Residency Visa
- hold an Australian Humanitarian Visa.
If none of these criteria apply, then you are an international student.

1. Apply through UAC
- Submit your application through the Universities Admissions Centre (UAC) website at uac.edu.au. Applications open early August. Aim to get your application in by the last Friday in September to avoid late fees. You can change your preferences before each offer round.

2. Check entry requirements and choose preferences
- Check the entry requirements for each of your preferences to see if any are additional selection criteria.
- Add preferences for similar degrees with lower entry requirements as your backup plan and check bonus points information. If you need advice about the order of your preferences, contact ANU on 02 6125 5594 or visit the UAC website at uac.edu.au.
- If you are not sure that you will get the selection rank you need, or you don’t have an assessable qualification, you can also check out our alternative entry pathways via ANU College (anucollege.edu.au).

INTERNATIONAL STUDENTS
1. Check the program entry requirements and your eligibility to apply
- Visit the Programs and Courses website for program requirements and eligibility and the English language requirement at programsandcourses.anu.edu.au.

2. Submit your application
- As an international student, you can submit your application either:
  - directly online at student-anu.studylink.com
  - through an authorised agent
  - through UAC International at uac.edu.au/international.

3. Accept your offer
- Meet all conditions of your offer letter (if applicable).
- Return the completed Acceptance Declaration, Payment Advice and Financial Declaration Form to the Admissions Office via email to acceptance@anu.edu.au.
- Your electronic Confirmation of Enrolment will be processed within 10 working days of your payment being finalised and receipt of your correctly completed Acceptance Declaration, Payment Advice and Financial Declaration Form.

Important dates for international students
Semester 2, 2019
- Application closing date 15 December 2018
- Acceptance/deposit deadline
  - 15 January 2019 (offshore students)
  - 31 January 2019 (onshore students)
- Application closing date 31 May 2019
- Acceptance/deposit deadline
  - 30 June 2019 (offshore students)
  - 10 July 2019 (onshore students)

Understanding preferences
When you apply through UAC, you are able to select up to five preferences as a domestic student. You can change the order of this list at any time until the last change of preference date before an offer round.

There are usually a few days after you have received your results to change your preferences if you need to.

Put the degree you would most like to do first, then the degree you would next like to do if you don’t receive an offer to the first degree, and so on. Applicants are considered in preference order and will be offered their first eligible preference only.

uac.edu.au/undergraduate

English language requirements

You must provide evidence of English language proficiency required for admission to ANU.

You may meet this requirement if your tertiary studies were entirely taught and assessed in English during the past two years.
If you are an international student and you completed your English studies more than two years ago, you will need to provide an English proficiency test certificate, such as the International English Language Testing System (IELTS) or the Test of English as a Foreign Language (TOEFL).

English language preparation
The ANU Access English program is a 10-week course offered by ANU College. The course runs four times a year and is designed so that you can finish the course in time to start your studies at ANU. You must already have an IELTS (or recognised equivalent) score of 6, with a minimum score of 5.5 in all bands, to gain entry to the course. Please note that all Law programs cannot be packaged with the English program. Further details are provided in the table below.

For all information on English language requirements, visit anu.edu.au/pg/english

Contact
ANU College
T +61 2 6125 6886
E info@anucollege.edu.au
W anucollege.edu.au
CRICOS provider code: 01682E

<table>
<thead>
<tr>
<th>Test</th>
<th>Regular degree programs (including exchange and study abroad)</th>
<th>ANIP*, Medicine, undergraduate Law, Juris Doctor and Legal Workshop programs</th>
<th>Graduate Law programs (except Juris Doctor and Legal Workshop programs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic IELTS</td>
<td>An overall score of 6.5 with at least 6 in each component of the test</td>
<td>An overall score of 7 with at least 6 in each component</td>
<td>An overall score of 7 with at least 6 in each component</td>
</tr>
<tr>
<td>TOEFL1 — paper-based test</td>
<td>A score of 570 with TWE** score of 4.5</td>
<td>A score of 600 with TWE** score of 5.0</td>
<td>A score or 650 with TWE** of 5</td>
</tr>
<tr>
<td>TOEFL1 — internet-based test</td>
<td>A score of 80, with a minimum of 20 in Reading and Writing and 18 in Speaking and Listening</td>
<td>A score of 100, with a minimum of 22 in all four sections</td>
<td>A score of 110, with a minimum of 26 in Writing and at least 22 in all other sections</td>
</tr>
<tr>
<td>Cambridge CAE Advanced</td>
<td>Overall 64, minimum score of 55 in each section</td>
<td>Overall 70, minimum score of 60 in each section</td>
<td>Overall 70, minimum score of 60 in each section and at least 70 in Writing</td>
</tr>
</tbody>
</table>

* ANIP = Australian National Internships Program
** TWE = Test of Written English

Mathematics prerequisite requirements
Applicants for the programs listed below must satisfy a high mathematics prerequisite, which is a compulsory requirement for admission.

- Bachelor of Actuarial Studies
- ANU/NUS Bachelor of Social Sciences (Honours in Actuarial Studies and Economics)
- Bachelor of Statistics
- Bachelor of Finance, Economics and Statistics (Honours)

**ACT**
- Specialist Mathematics (major/minor) (160+)
- Recommended: Specialist Mathematics (double major)

**NSW**
- HSC Mathematics Extension 1 (Band E3) or equivalent
- Recommended: Mathematics Extension 2

*Australian and New Zealand students who do not have this knowledge should enrol in the ANU Maths Basic course or Maths Bridging course at ANU College.

Please see uac.edu.au for other state equivalences.

Mathematics assumed knowledge
Unlike a prerequisite, assumed knowledge is not a strict requirement for entry into these programs. However, the courses within the programs listed below are taught on the assumption that students have an appropriate level of mathematical knowledge.*

- Bachelor of Actuarial Studies
- Bachelor of Accounting
- Bachelor of Commerce
- Bachelor of Economics
- Bachelor of Finance
- Bachelor of International Business

**ACT**
- Mathematical Methods (major)

**NSW**
- Mathematics or equivalent

* If you’re interested in studying an FVDD program at ANU, then you should identify the FVDD group that meets your interests, strengths and career goals.

- Select your eligible bachelor degree from your preferred group.
- Choose ANU and apply for your eligible bachelor degree through the Universities Admissions Centre (UAC) website—there will be instructions in your offer letter.
- Opt in to your FVDD program straight after you enrol, or up until you have completed 72 units of study—it’s up to you.

Choose ANU

- Plan your study program at programsandcourses.anu.edu.au.
- If you're interested in studying a Flexible Vertical Double Degree, you can combine a bachelor degree and a master degree from related disciplines for depth of knowledge and specialist skills; or combine degrees from different disciplines for breadth of knowledge and transferable skills.

Flexible Vertical Double Degrees

Expand your career options and graduate with two qualifications.

- Plan your study program at programsandcourses.anu.edu.au.
- Our program advisors can help you ensure your choices will allow you to transition into the master component of your program later on.
- Start taking master’s courses at 96 units by achieving the required grade point average (GPA).
- Transition to your master degree at 144 units by maintaining the required GPA during your eligible bachelor degree.

For more information, visit anu.edu.au/fvdd

Step 1
- If you’re interested in studying an FVDD program at ANU, then you should identify the FVDD group that meets your interests, strengths and career goals.
- Select your eligible bachelor degree from your preferred group.
- Choose ANU and apply for your eligible bachelor degree through the Universities Admissions Centre (UAC) website—there will be instructions in your offer letter.
- Opt in to your FVDD program straight after you enrol, or up until you have completed 72 units of study—it’s up to you.

Step 2
- Receive your offer from UAC to study your eligible bachelor degree at ANU.
- Accept your offer via the ANU website—there will be instructions in your offer letter.
- Opt in to your FVDD program straight after you enrol, or up until you have completed 72 units of study—it’s up to you.

Step 3
- Plan your study program at programsandcourses.anu.edu.au.
- If you're interested in studying a Flexible Vertical Double Degree, you can combine a bachelor degree and a master degree from related disciplines for depth of knowledge and specialist skills; or combine degrees from different disciplines for breadth of knowledge and transferable skills.

If you are an international student applying directly to ANU, you will select your bachelor and master degree on application to ensure you receive an offer package to meet electronic confirmation of enrolment and visa requirements.

**International**

**Bachelor options**
- Archaeological Practice
- Art History and Curatorship
- Arts
- Asian Studies
- Business Administration
- Classical Studies
- Commerce
- Criminology
- Development Studies
- Economics
- Environmental Studies
- European Studies
- International Relations
- International Security Studies
- Statistics
- Languages
- Latin American Studies
- Middle Eastern and Central Asian Studies
- Music
- Policy Studies
- Political Science
- Politics, Philosophy and Economics
- Visual Arts

**Master options**
- Archaeological Science
- Culture, Health and Medicine
- Demography
- Diplomacy
- Entrepreneurship and Innovation
- Environment
- General and Applied Linguistics
- International Management
- International Relations
- Innovation and Professional Practice
- Leadership
- Management
- Marketing Management
- Public Health
- Strategic Studies
- Translation
Adjustment factors

Adjustment factors can help you get into your dream degree.

ANU allocates National Access Scheme adjustment factors for high achievement in nationally strategic senior secondary subjects and in recognition of difficult circumstances that you may have faced in your studies.

Adjustment factors are considered in accordance with the approved schedules, and maximum adjustment no more than 10 adjustment factors (maximum 5 subject adjustments and maximum 5 equity adjustments) can be allocated.

You may be considered for adjustment factors if you have:

> applied through UAC for an eligible ANU Bachelor degree program and
> undertaken Australian Year 12 or the International Baccalaureate and
> achieved a Minimum Selection Rank or equivalent at or above 70 and
> not previously attempted tertiary study.

ANU subject adjustment allocation under the National Access Scheme – Domestic and International Applicants

<table>
<thead>
<tr>
<th>Year 12 subject</th>
<th>Adjustments</th>
<th>Marks required for adjustment factors¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>2</td>
<td>159 Band 5 VH B+ HA 35 67 Standard Level–6 Higher Level–5</td>
</tr>
<tr>
<td>English (except ESL) Languages (other than English) Indigenous Studies</td>
<td>5</td>
<td>159 Band 5 VH B+ HA 35 67 Standard Level–6 Higher Level–5</td>
</tr>
<tr>
<td>Specialist Mathematics Double Major (Major/Minor)</td>
<td>5</td>
<td>142 E3 H B+ CA 30 58 Higher Level–5</td>
</tr>
<tr>
<td>Physics</td>
<td>2</td>
<td>159 Band 5 VH B+ HA 35 67 Standard Level–6 Higher Level–5</td>
</tr>
<tr>
<td>Music AMEB Grade 8⁴</td>
<td>5</td>
<td>Successful Completion</td>
</tr>
</tbody>
</table>

1. Scores listed in this table reflect the minimum grade required for subject-based adjustment to be awarded.
2. All ACT subjects must be completed as a Major at minimum, unless specified otherwise. The ACT marks indicated in this schedule are the scaled marks received at the end of Year 12. Refer to the ACT Board of Senior Secondary Studies for information on scaling in the ACT: www.bsss.act.edu.au
3. ACT specialist mathematics must be taken as either a major/minor or double major to be eligible for subject adjustment consideration. This is equivalent to NSW Mathematics Extension 1 or 2. For subject equivalencies in other Australian states, refer to the UAC website: www.uac.edu.au/future-applicants/admission-criteria/year-12-qualifications
4. Music AMEB Grade 8 may be completed at any time during or prior to your Year 11 and 12 studies to be eligible for performer adjustment consideration.

Subject adjustments

ANU Bachelor degree programs with a minimum requirement of 80.00-97.00 may receive up to five subject adjustments. Senior secondary students do not need to apply for ANU subject adjustments. They are automatically added in accordance with the schedule. Students with AMEB Grade 8 or higher are required to apply separately to domestic.admissions@anu.edu.au with their certificate.

Equity adjustments

ANU Bachelor degree programs with a minimum requirement of 80.00-98.00 may receive up to 5 equity adjustments. You must refer to uac.edu.au/eas for more information on categories and how to apply.

Education Access Scheme (Equity) Schedule Domestic Applicants

<table>
<thead>
<tr>
<th>EAS type</th>
<th>Equity adjustments</th>
<th>EAS category and description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial hardship</td>
<td>Up to 5</td>
<td>F01A-Youth Allowance/Austudy/Abstudy</td>
</tr>
<tr>
<td>Up to 5</td>
<td>F01B-Other Centrelink income</td>
<td></td>
</tr>
<tr>
<td>Up to 2</td>
<td>F01C-Exceptional financial hardship</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>F01D-Parental Family Tax Benefit Part A</td>
<td></td>
</tr>
<tr>
<td>Severe family disruption</td>
<td>Up to 5</td>
<td>H01A-Death of an immediate family member/close friend</td>
</tr>
<tr>
<td>Up to 5</td>
<td>H01B-Life-threatening or severe illness of immediate family</td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>H01C-Divorce or separation of parents or applicant</td>
<td></td>
</tr>
<tr>
<td>Up to 5</td>
<td>H01D-Legal matters</td>
<td></td>
</tr>
<tr>
<td>Excessive family responsibility</td>
<td>Up to 5</td>
<td>H03A-Care of children/other family members</td>
</tr>
<tr>
<td>Up to 5</td>
<td>H03B-Required to work to support family</td>
<td></td>
</tr>
<tr>
<td>Up to 3</td>
<td>H03C-Sole responsibility for care of self</td>
<td></td>
</tr>
<tr>
<td>Abuse</td>
<td>Up to 5</td>
<td>H04A-Abuse to applicant, parents or siblings</td>
</tr>
<tr>
<td>English language difficulty</td>
<td>Up to 3</td>
<td>L01A-ESL/started school in Australia in Year 11 or 12</td>
</tr>
<tr>
<td>Personal illness/disability</td>
<td>Up to 5</td>
<td>P01A-Disability or long-term medical condition</td>
</tr>
<tr>
<td>Refugee status</td>
<td>5</td>
<td>P01A-Refugee status</td>
</tr>
<tr>
<td>School environment</td>
<td>Up to 5</td>
<td>S010-Rural school</td>
</tr>
<tr>
<td>Up to 5</td>
<td>S01D-Studying Year 12 subjects by distance education or Access program</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>S01E-Disadvantaged school – low SES schools</td>
<td></td>
</tr>
</tbody>
</table>

For more information refer to uac.edu.au/eas

Disclaimer: Correct at time of printing, May 2018.

Adjustment factors are reviewed annually and for the most up-to-date information, please refer to anu.edu.au/study/apply/national-access-scheme or uac.edu.au/atar.

Elite athlete and performer adjustments

ANU is an Elite Athlete Friendly University. We will provide additional support if you are recognised as an elite athlete by the Australian Sports Commission’s AIS Personal Excellence program.

If you are an elite athlete or sporting coach, you may be eligible for five bonus points. Apply through UAC and submit an Elite Athlete Bonus Point application form to the Office of Access and Inclusion at ANU.

anu.edu.au/study/apply/elite-athletestatus
Flexible Double Degrees™ have increased the range of options for undergraduate students so you can create a program of study to suit your needs and interests.

When applying, you choose the group from the table below that includes the programs in which you are interested. Subject to the entry requirements and any prerequisites of individual programs, you will then be able to choose any combination of programs from within your chosen group when you accept your offer.

The entry requirement for any Flexible Double Degree™ will be the same as the higher of the two individual degree programs.

**Group 1: Arts, Social Sciences, Business or Science**

Four years full-time

Combine any two of the following programs

Bachelor of Accounting™

Archaeological Practice

Art History and Curatorship

Arts

Asian Studies

Biotechnology™

Business Administration

Classical Studies

Commerce™

Criminology

Design Arts

Development Studies

Economics

Environmental Studies

European Studies

Finance™

Genetic™

Information Technology

International Relations

International Security Studies

Languages

Latinate American Studies

Mathematical Sciences

Medical Science™

Middle Eastern and Central Asian Studies

Music

Pacific Studies

Policy Studies

Political Science

Politics, Philosophy and Economics

Science

Science (Forest Sciences)

Science (Psychology)

Science (Resource and Environmental Management)

Statistics

Visual Arts

**Group 2: Law**

Five years full-time

Choose Bachelor of Laws (Honours) and combine with one of the following programs

Accounting

Archeological Practice

Art History and Curatorship

Arts

Asian Studies

Biotechnology

Business Administration

Classical Studies

Commerce

Criminology

Design Arts

Development Studies

Economics

Environmental Studies

European Studies

Finance

Genetics

Information Technology

International Relations

International Security Studies

Languages

Latinate American Studies

Mathematical Sciences

Medical Science

Middle Eastern and Central Asian Studies

Music

Pacific Studies

Policy Studies

Political Science

Politics, Philosophy and Economics

Science

Science (Forest Sciences)

Science (Psychology)

Science (Resource and Environmental Management)

Statistics

Visual Arts

**Group 3: Engineering or Advanced Computing**

Five years full-time

Choose one of the following programs

Bachelor of Advanced Computing (Honours)

Engineering (Honours)

Software Engineering (Honours)

and combine with one of the following programs

Accounting

Archeological Practice

Art History and Curatorship

Arts

Asian Studies

Biotechnology

Business Administration

Classical Studies

Commerce

Criminology

Design Arts

Development Studies

Economics

Environmental Studies

European Studies

Finance

Genetics

Information Technology

International Relations

International Security Studies

Languages

Latinate American Studies

Mathematical Sciences

Medical Science

Middle Eastern and Central Asian Studies

Music

Pacific Studies

Policy Studies

Political Science

Politics, Philosophy and Economics

Science

Science (Forest Sciences)

Science (Psychology)

Science (Resource and Environmental Management)

Statistics

Visual Arts

Choosing a program combination involves making choices at your own course level. The courses you take will depend on the structure of your program and any majors or areas of specialisation you choose to focus on during your studies at ANU.

### Single degree program

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Major</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Minor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Elective</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>Major</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Minor</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Major</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Minor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Elective</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Major</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Minor</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Major</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Minor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Elective</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Major</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Minor</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Elective</td>
</tr>
</tbody>
</table>

### Flexible Double Degree™

Four-year double degree program, e.g. Bachelor of Commerce/Bachelor of Economics

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Commerce minor</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Economics major</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Economics minor</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Commerce minor</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Economics major</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Economics minor</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Commerce elective</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Economics major</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Economics elective</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Commerce elective</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Economics major</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Economics elective</td>
</tr>
</tbody>
</table>

Five-year double degree program e.g. Bachelor of Laws (Honours)/Bachelor of Commerce

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Foundations of Australian Law</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Torts</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Commerce minor</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Lawyers, Justice and Ethics</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Contracts</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Commerce minor</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Australian Public Law</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Constitutional Law</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Commerce minor</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>Administrative Law</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Corporations Law</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Commerce minor</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>Property</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Law elective</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Commerce minor</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>Equity and Trusts</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Law elective</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Commerce major</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Commerce minor</td>
</tr>
<tr>
<td>1</td>
<td>7</td>
<td>Management and Occupational Health Management</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Law elective</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Law elective</td>
</tr>
<tr>
<td>2</td>
<td>8</td>
<td>Evidence</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Law elective</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Law elective</td>
</tr>
</tbody>
</table>

**Major:** An area within a program that allows in-depth study in a particular field. A major usually consists of a set number of related courses. Majors at ANU require 48 units (eight courses).

**Minor:** A minor has fewer requirements to fulfil than a major, in terms of units and compulsory courses. Minors at ANU require 24 units (four courses).

**Specialisation:** A specialisation is an area of study that people will use electives to complete an additional major or minor.

**Elective:** An optional area of study selected in addition to the core courses of the program. Electives may allow you to delve more deeply into an area of study, or focus on an alternative area of interest that you may have. Many people will use electives to complete an additional major or minor.

**Course:** An area of study usually of one semester in length. Examples: STAT1003 Statistical Techniques, and STAT1004 Scientific Inquiry.

**Unit:** An indicator of the value of a course—most courses are valued at six units.
## 2019 academic entry requirements

<table>
<thead>
<tr>
<th>Undergraduate program</th>
<th>Australian Year 1 Minimum Foundation Rank</th>
<th>Foundation study programs</th>
<th>International qualifications</th>
<th>Core subjects</th>
<th>Other subjects</th>
<th>Prerequisite subjects</th>
<th>Program duration</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Accounting</td>
<td>3</td>
<td>87</td>
<td>83%</td>
<td>31</td>
<td>15</td>
<td>15</td>
<td>14</td>
<td>81%</td>
</tr>
<tr>
<td>B. Actuarial Studies</td>
<td>3</td>
<td>97</td>
<td>95%</td>
<td>39</td>
<td>20</td>
<td>6</td>
<td>17</td>
<td>21</td>
</tr>
<tr>
<td>B. Business Administration</td>
<td>3</td>
<td>86</td>
<td>82%</td>
<td>31</td>
<td>15</td>
<td>16</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>B. Commerce</td>
<td>3</td>
<td>86</td>
<td>82%</td>
<td>31</td>
<td>15</td>
<td>16</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>B. Economics</td>
<td>3</td>
<td>87</td>
<td>83%</td>
<td>31</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>B. Finance</td>
<td>3</td>
<td>87</td>
<td>83%</td>
<td>31</td>
<td>15</td>
<td>15</td>
<td>14</td>
<td>17</td>
</tr>
<tr>
<td>B. International Business</td>
<td>3</td>
<td>87</td>
<td>83%</td>
<td>31</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>B. Statistics</td>
<td>3</td>
<td>87</td>
<td>83%</td>
<td>31</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>14</td>
</tr>
<tr>
<td>B. Finance, Economics &amp; Statistics (Honours)</td>
<td>4</td>
<td>99</td>
<td>97%</td>
<td>42</td>
<td>22</td>
<td>(best 4)</td>
<td>5</td>
<td>18</td>
</tr>
<tr>
<td>B. Social Sciences (Honours in Actuarial Studies and Economics)</td>
<td>4</td>
<td>97</td>
<td>95%</td>
<td>39</td>
<td>20</td>
<td>6</td>
<td>17</td>
<td>21</td>
</tr>
<tr>
<td>B. Politics, Philosophy and Economics</td>
<td>3</td>
<td>96</td>
<td>94%</td>
<td>38</td>
<td>19</td>
<td>7</td>
<td>16</td>
<td>20</td>
</tr>
</tbody>
</table>

Double degree programs (various) 4, 5  
Admission requirement is the higher cut-off of the two degrees, including prerequisites.

1. The university reserves the right to alter or discontinue its programs as required. Please note that not all degrees are available to commence in Semester 2. The scores published should be used as a guide only, and the university may vary these requirements at any time.

2. Acceptable foundation programs: ANU College, Monash, U Melbourne (Trinity), U Adelaide, U Sydney, UNECD, UON, UQ, UAC, Deakin, RMU, U Newcastle, U South Pacific, Western Sydney U, U Wollongong, U Tasmania, U Auckland, MCDU (case-by-case). The ANU College of Business and Economics also accepts foundation results from Renmin U, Shanghai U of Finance and Economics, Tongji U and Xiamen U. Please note that the ANU College of Law and the ANU College of Business and Economics use a different method of calculating the foundation grade average to that shown on the ANU College Transcript of Results.

3. Students completing the International Baccalaureate (IB), both in Australia and overseas, are encouraged to apply through the Universities Admissions Centre (UAC) as this may be eligible for academic bonus points. If students choose to apply directly to ANU instead, they will not be eligible for academic bonus points and are required to request ANU to receive their results directly through the International Baccalaureate Organization website.

4. Sijil Tinggi Persekutuan Malaysia (STPM) best of 3 subjects (A=7, A–=6, B=5, B–=4, C=3, C=2, C=1, C=0.5). Unifed Examination Certificate (UCE) best 5 subjects (A=5, A=4, B=3, B=2, C=1, C=0.5).

5. UK General Certificate of Education (GCE) A Levels best 3 or best 4 subjects, whichever provides the higher rank (A=7, A=6, B=5, B=4, C=3, C=2, C=1, C=0.5). Unifed Examination Certificate (UCE) best 5 subjects (A=5, A=4, B=3, B=2, C=1, C=0.5).

6. Singapore A Levels entry for all programs (except Law) is the total of the best 3 H2 subjects (A=5, B=4, C=3, D=2, E=1) and the best H1 subject (A=2.5, B=2, C=1.5, D=1, E=0.5). The H1 subject may be content-based. General Paper or Knowledge and Enquiry: Mother tongue may not be included in the calculation. For entry into Bachelor of Laws, entry is determined by the total of the best 3 H2 subjects, the best H1 content-based subject, plus a minimum of B in either General Paper or Knowledge and Enquiry. Mother tongue may not be included in the calculation.


8. Korean College Scholastic Ability Test (KST) overall grade is calculated from results in Korean Language, Mathematics and Foreign Language (English) only.


10. Indian School Certificate (ISC) average of marks in English and best 3 externally examined subjects. All India Senior School Certificate (AISSC) total of best 4 externally examined subjects (A=5, A=4, 5, B=3.5, B=3, C=2, D=1.5, D=1, D=0.5).

11. As well as presenting SAT or ACT results, students must also present: US-accredited high school diploma with an overall weighted grade point average (GPA) of 3.5 out of 4.0 programs with an Minimum Selection Rank requirement below 90), or weighted GPA of 3.5 out of 4.0 programs with a Minimum Selection Rank requirement of 90). Students applying for entry to a diploma program require a GPA of at least 2.0 out of 4.0.

12. Gakkoos requirements are for those taken from 2017 onwards. Students who previously sat the Gakkoos with different total marks (Shanghai 600, Zhejiang 613) will be assessed using the university’s previous requirements. Please contact the Admissions Office for further information if this applies to you.

** This result listed in this table are the minimum required for consideration. Selection is case-by-case and requires college approval.

• This program is only available for Semester 1 (February) commencement. Any exceptions are at the discretion of the academic college.

- There are a limited number of places available in this program. It can only be commenced in July/August at the National University of Singapore, and offers must be accepted by the preceding January.

<table>
<thead>
<tr>
<th>Country</th>
<th>Language</th>
<th>Minimum GPA</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia, Canada</td>
<td>BCCG</td>
<td>3.60</td>
<td>350</td>
</tr>
<tr>
<td>Korea (KSAT)</td>
<td></td>
<td>3.60</td>
<td>350</td>
</tr>
<tr>
<td>HKDSE (applicable outside of Hong Kong)</td>
<td></td>
<td>3.55</td>
<td>348</td>
</tr>
<tr>
<td>India (AISSC)</td>
<td></td>
<td>3.60</td>
<td>350</td>
</tr>
<tr>
<td>USA (GPA)</td>
<td></td>
<td>3.95</td>
<td>381</td>
</tr>
<tr>
<td>China Gaokao</td>
<td></td>
<td>3.90</td>
<td>373</td>
</tr>
</tbody>
</table>

- Advanced Maths: HKDSE must include Core Maths & Extended Maths Module 1.
- Advanced Maths: Core Maths & Extended Maths Module 1.
- Advanced Maths: Core Maths & Extended Maths Module 1.