Overview

The Bachelor of Commerce/Bachelor of Advanced Science (Honours) (BCom/BAdvSci(Hons)) dual degree program enables students to complete a depth of study in advanced science from the Faculty of Science, complemented with a strong, focused and highly regarded business program.

The typical duration of this program is 5 years full-time, including (subject to academic performance) an Honours year in the Bachelor of Advanced Science (Honours).
| **Faculty** | UNSW Business School  
Faculty of Science |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
</tr>
<tr>
<td><strong>Typical duration</strong></td>
<td>5 Years</td>
</tr>
<tr>
<td><strong>Intake Period</strong></td>
<td>Term 1, Term 2, Term 3</td>
</tr>
<tr>
<td><strong>Academic Calendar</strong></td>
<td>3+ Calendar</td>
</tr>
<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>240</td>
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</table>
| **Award(s)** | Bachelor of Commerce - BCom  
Bachelor of Advanced Science (Honours) - BAdvSci(Hons) |
| **UAC Code** | 424100                                          |
| **CRICOS Code** | 088854D                                         |
Learning Outcomes

3502 - Commerce

1. Business knowledge: Students will make informed and effective selection and application of knowledge in a discipline or profession, in the contexts of local and global business.

2. Problem solving: Students will define and address business problems, and propose effective evidence-based solutions, through the application of rigorous analysis and critical thinking.

3. Business communication: Students will harness, manage and communicate business information effectively using multiple forms of communication across different channels.

4. Teamwork: Students will interact and collaborate effectively with others to achieve a common business purpose or fulfil a common business project, and reflect critically on the process and the outcomes.

5. Responsible business practice: Students will develop and be committed to responsible business thinking and approaches, which are underpinned by ethical professional practice and sustainability considerations.

6. Global and cultural competence: Students will be aware of business systems in the wider world and actively committed to recognise and respect the cultural norms, beliefs and values of others, and will apply this knowledge to interact, communicate and work effectively in diverse environments.

7. Leadership development: Students will develop the capacity to take initiative, encourage forward thinking and bring about innovation, while effectively influencing others to achieve desired results.

3962 - Advanced Science (Honours)

1. Effective and appropriate communication in both professional (intra and inter
disciplinary) and social (local and international) contexts.

2. Teamwork, collaborative and management skills including the ability to recognise opportunities and contribute positively to collaborative scientific research, and to demonstrate a capacity for self management, teamwork, leadership and decision making based on open-mindedness, objectivity and reasoned analysis in order to achieve common goals and further the learning of themselves and others.

3. Information literacy including the ability to make appropriate and effective use of information and information technology relevant to their discipline.

4. Appreciation and respect of the social, cultural and global context of science with an ability to communicate across cultures and to develop an international professional network.

5. Independently identify and formulate solutions to complex problems with intelligence, initiative and judgement in scholarship that demonstrates advanced knowledge and critical thinking of the underlying principles and concepts in one or more disciplines, and knowledge of research principles and methods.

6. Capability and motivation for intellectual development; including capacity for creativity, critical evaluation, entrepreneurship and demonstrating a commitment to their own learning, motivated by personal autonomy, accountability, curiosity and an appreciation of the value of learning.

7. Research, enquiry and high level analytical thinking abilities including the ability to construct new concepts or create new understanding through the process of enquiry, critical analysis and problem solving, including constructing a research project, that demonstrates technical skills in research and design.

8. Ethical, social and professional understanding including the ability to critically reflect upon broad ethical principles and codes of conduct in order to behave consistently with a personal respect and commitment to ethical practice and social responsibility, multicultural, cultural and personal diversity.

Graduate Capabilities:
For more information on Graduate Capabilities, please click on this link.
Stand Alone Programs

Click on the link below to find out more about each individual program.

Program 3502
Commerce

Program 3962
Advanced Science (Honours)
Double Degree Structure

Students must complete 240 UOC.

Bachelor of Commerce (96 UOC)
1. Compulsory core courses (24 UOC)
2. Flexible core courses (24 UOC)
3. Major requirements (48 UOC)

Bachelor of Advanced Science (Honours) (144 UOC)
1. An approved Bachelor of Advanced Science (Honours) major; and
2. SCIF1131;
3. 48 units of credit Honours Year; and
4. Science elective courses

Business Majors

3502 - Commerce

Major Requirements: 48 UOC in an approved disciplinary stream containing at least 18 UOC at level 3. (Note that the 48 UOC includes the first disciplinary course(s) in the Core (Compulsory or Flexible). This means that, for the majority of majors, students will complete 42 UOC in specified disciplinary courses outside the core, (except for the Real Estate Studies major.)

Please Note:
- The Business Law major (TABLA1) is not available to students enrolled in 4733 Commerce/Law.
- Commerce/Education (secondary) 3462 students can only choose one major from:
  (a) Business Economics
  (b) Financial Economics
  (c) Business Strategy and Economic Management

MAJOR:

ACCTA1 | 48 UOC
Accounting

COMMF1 | 48 UOC
Real Estate Studies
<table>
<thead>
<tr>
<th>Code</th>
<th>UOC</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM1</td>
<td>48</td>
<td>Business Analytics</td>
</tr>
<tr>
<td>ECONF1</td>
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<td>Business Economics</td>
</tr>
<tr>
<td>ECON1</td>
<td>48</td>
<td>Business Strategy &amp; Econ Mgmt</td>
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<tr>
<td>ECONJ1</td>
<td>60</td>
<td>Financial Economics</td>
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<td>FINSA1</td>
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<td>Finance</td>
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<td>FNSR1</td>
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<td>Financial Technology</td>
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<tr>
<td>IBUSA1</td>
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<td>International Business</td>
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<td>Information Systems</td>
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<td>MARKA1</td>
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<tr>
<td>MGMTA1</td>
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<td>MGMTH1</td>
<td>48</td>
<td>Human Resource Management</td>
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<tr>
<td>TABLA1</td>
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<td>Business Law</td>
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</table>
Majors

3962 - Advanced Science (Honours)

Students must complete at least one Science major selected from the list below.

When offered in a particular major, students must take higher versions of any Level 2 or 3 courses. Any variation to this must be approved by the Associate Dean (Academic Programs) or nominee.

Bioinformatics is a 96 UOC major, students will not be able to complete this major as part of a double degree within the minimum UOC. This major will involve extra time and costs to meet the degree requirements and may have visa implications for international students. Contact the Science Student Centre for more details.

**MAJOR:**

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<thead>
<tr>
<th>Major</th>
<th>UOC</th>
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<tr>
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<td>BINFB1</td>
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<td>BIOCG1</td>
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<td>Genetics</td>
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<td>BIOCL1</td>
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<tr>
<td>Molecular and Cell Biology</td>
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<td>BIOSG1</td>
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<td>BIOTB1</td>
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<td>CHEMB1</td>
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<tr>
<td>MSCIM1</td>
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Honours Specialisations

3962 - Advanced Science (Honours)

Students must complete at least one Science Honours stream selected from the list below.

HONOURS:

ARCYBH | 48 UOC
Palaeoscience

BABS BH | 48 UOC
Bioinformatics
BIOCFH | 48 UOC
Molecular and Cell Biology

BIOCGH | 48 UOC
Genetics

BIOSKH | 48 UOC
Biology

BIOSLH | 48 UOC
Ecology

BIOTBH | 48 UOC
Biotechnology

CHEMFD | 48 UOC
Chemistry

CLIMDH | 48 UOC
Climate Science

GEOGTH | 48 UOC
Geography

GEOLMH | 48 UOC
Geology

MATHAH | 48 UOC
Applied Mathematics

MATHNH | 48 UOC
Physical Oceanography

MATHPH | 48 UOC
Pure Mathematics
Minors

3962 - Advanced Science (Honours)

Students may choose to complete an optional minor in one of the following areas, using their Science and/or free electives

**MINOR:**

ANATB2 | 36 UOC
Anatomy

ARYB2 | 36 UOC
Palaeosciences

BIOCD2 | 42 UOC
Molecular Biology

BIOSD2 | 42 UOC
Biology

CHEMD2 | 48 UOC
Chemistry

CLIMA2 | 42 UOC
Climate Science

GEOLF2 | 36 UOC
Geology

MATHC2 | 36 UOC
Mathematics
MATHD2 | 36 UOC
Statistics

MSCI2 | 36 UOC
Marine Science

PATHB2 | 42 UOC
Pathology

PHARB2 | 48 UOC
Pharmacology

PHSLB2 | 48 UOC
Physiology

PHYSC2 | 48 UOC
Physics

PSYCM2 | 36 UOC
Psychology

VISNB2 | 36 UOC
Vision Science

**Business Core Courses**

3502 - Commerce

Students must take 24 UOC of the following courses.

Please Note:
- Students in program Engineering, Advanced Mathematics, Science, Advanced Science and Computer Science combined with Commerce are not required to take ECON1203, as the requirements are being fulfilled by MATH courses within the non-commerce side of these programs. Hence students must complete another 6 UOC of UNSW Business School electives to fulfil the requirement for 96 UOC of UNSW Business School courses within this double degree.
- Students should select the MATH or PSYC course required for their Science major. If
a Science major does not require a MATH or PSYC course (for example the Pathology and Vision Science majors) or if the Science major does not require one of the statistics courses listed above, students should complete ECON1203. MATH and PSYC count towards Science and ECON1203 count towards Commerce. If you have completed a Science course that excludes ECON1203, then you will need to study another 6UOC of UNSW Business School elective in order to meet the 96UOC from the Business School requirement.

**ACCT1501 | 6 UOC**
Accounting and Financial Management 1A

**ECON1101 | 6 UOC**
Microeconomics 1

**ECON1203 | 6 UOC**
Business and Economic Statistics

**MGMT1001 | 6 UOC**
Managing Organisations and People

### Core Courses

3962 - Advanced Science (Honours)

Students must take 6 UOC of the following courses

Note: Students in the Vision Science major should take VISN1101 Seeing the World Perspectives from Vision Science instead. Students in Engineering Dual Programs should take ENGG1000 Introduction to Engineering Design and Innovation.

**SCIF1131 | 6 UOC**
Introductory Skills for Science

### Flexible Core Courses

3502 - Commerce

Student must take at least 24 UOC of the following courses.

Please note:
- Commerce/Law 4733 student are not permitted to take TABL1710. Please choose another flexible core.
- Commerce/Media (PR and Advertising) 3559, MARK1012 is a shared course between B com and B media, by default, MARK1012 will always count towards the Commerce component and students will need to complete another Media elective to make up the required UOC for the Media component study.

**ACCT1511 | 6 UOC**  
Accounting and Financial Management 1B

**COMM1000 | 6 UOC**  
Creating Social Change: From Innovation to Impact

**ECON1102 | 6 UOC**  
Macroeconomics 1

**FINS1613 | 6 UOC**  
Business Finance

**INFS1602 | 6 UOC**  
Digital Transformation in Business

**MARK1012 | 6 UOC**  
Marketing Fundamentals

**MGMT1101 | 6 UOC**  
Global Business Environment

**TABL1710 | 6 UOC**  
Business and the Law

**Business Free Electives**

3502 - Commerce

Student must complete 6 - 18UOC Business free electives dependant on their major to meet minimum 96 UOC Commerce program requirement.

any course offered by UNSW Business School
Level 2 Maturity Requirements

3962 - Advanced Science (Honours)

Students must have completed 30 UOC before taking any of the following courses.

any level 2 course

Level 3 Maturity Requirements

3962 - Advanced Science (Honours)

Students must have completed 72 UOC before taking any of the following courses.

any level 3 course

Maximum Level 1 UOC

3502 - Commerce

Students may complete up to a maximum of 60 UOC of level 1 courses for the Commerce component of the double degree.

any course offered by UNSW Business School

Minimum Faculty UOC

3502 - Commerce

Students must complete a minimum of 96 UOC of the following courses.

any course offered by UNSW Business School

Maximum Level 1 UOC

3962 - Advanced Science (Honours)

A maximum of 72 UOC of Level 1 courses can be taken, including any General Education or mainstream Level 1 course taken to fulfil either the General Education or the Free Elective requirement.

any level 1 course

Minimum Level 1 Science UOC
Students must complete a minimum of 24 UOC of the following courses.

any level 1 Anatomy course

any level 1 Computer Science course

any level 1 Food Technology course

any level 1 course offered by Faculty of Science

any level 1 Neuroscience course

any level 1 Pathology course

any level 1 Pharmacology course

any level 1 Physiology course

any level 1 Medical Science course

**Minimum Science UOC**

3962 - Advanced Science (Honours)

Students must take 'science' courses so that the major plus SCIF1131, plus Honours year plus 'science' courses total 144 units of credit.

any Anatomy course

any Computer Science course

any Food Technology course

any course offered by Faculty of Science
any Neuroscience course

any Pathology course

any Pharmacology course

any Physiology course

any Medical Science course

**Minimum Level 3 Science UOC**

3962 - Advanced Science (Honours)

Students must complete a minimum of 30 UOC of the following courses.

any level 3 Anatomy course

any level 3 Computer Science course

any level 3 Food Technology course

any level 3 course offered by Faculty of Science

any level 3 Neuroscience course

any level 3 Pathology course

any level 3 Pharmacology course

any level 3 Physiology course

any level 3 Medical Science course

**Major Course Substitution**
3593 - Commerce / Advanced Science (Honours)

Students should select the MATH or PSYC course required for their Science major. If a Science major does not require a MATH or PSYC course (for example the Pathology and Vision Science majors) or if the Science major does not require one of the statistics courses listed above, students should complete ECON1203. MATH and PSYC count towards Science and ECON1203 count towards Commerce. If you have completed a Science course that excludes ECON1203, then you will need to study another 6UOC of UNSW Business School elective in order to meet the 96UOC from the Business School requirement.

**LEVEL 2 AND 3 MATURITY REQUIREMENTS**

3502 - Commerce

Student must have completed 24 UOC before taking any level 2 courses.
Student must have completed 48 UOC before taking any level 3 courses.

Please read the Double Degree Program rules as some specific rules apply to particular Double Degree combinations.

**Enrolment Disclaimer**

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
**Program Fees**

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

- Domestic Students
- Commonwealth Supported Students
- International Students
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179