Double Degree

Commerce / Science

3529 │ 192 Units of Credit

Overview

The dual degree program Bachelor of Commerce/Bachelor of Science (BCom/BSc) degree provides the latest thinking in business and technology for today and the future. It offers excellent career options, equipping graduates with unique skill sets that can lead to a wide range of career opportunities.

Whether you want to focus your career on science and also want the commercial skills that a business degree can give you, or you want a career in business with the added dimension of a science degree, then this dual degree gives you the flexibility to choose a program to meet your needs.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>UNSW Business School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Faculty of Science</td>
</tr>
<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>4 Years</td>
</tr>
<tr>
<td><strong>Intake Period</strong></td>
<td>Term 1, Term 2, Term 3</td>
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<tr>
<td><strong>Academic Calendar</strong></td>
<td>3+ Calendar</td>
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<td><strong>Minimum Units of Credit</strong></td>
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<td><strong>Award(s)</strong></td>
<td>Bachelor of Commerce - BCom</td>
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<td></td>
<td>Bachelor of Science - BSc</td>
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<td><strong>UAC Code</strong></td>
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<td><strong>CRICOS Code</strong></td>
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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.

   Professionals  Scholars  Global Citizens  Leaders

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.

   Global Citizens  Scholars  Leaders  Professionals

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

   Professionals  Global Citizens  Scholars  Leaders

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.

   Leaders  Global Citizens  Scholars

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.

   Global Citizens  Professionals

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.

   Global Citizens  Leaders

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.

   Scholars  Leaders

3970 - Science

1. 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.

Professionals  Global Citizens

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.

Leaders  Scholars

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

Scholars

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

Scholars

5. Research, enquiry and analytical thinking abilities including the ability to construct new concepts or create new understanding through the process of enquiry, critical analysis, problem solving and research.

Global Citizens  Scholars  Leaders

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

Professionals  Scholars

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 3970
Science
Double Degree Structure

Students must complete 192 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 Science (96 UOC)
1. An approved Bachelor of Science major; and
2. 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 (TABLE1) 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

COMMJ1 | 48 UOC
Business Analytics
<table>
<thead>
<tr>
<th>Code</th>
<th>UOC</th>
<th>Course</th>
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<tbody>
<tr>
<td>ECONF1</td>
<td>48</td>
<td>Business Economics</td>
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<tr>
<td>ECONI1</td>
<td>48</td>
<td>Business Strategy &amp; Econ Mgmt</td>
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<td>ECONJ1</td>
<td>60</td>
<td>Financial Economics</td>
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<td>FINSA1</td>
<td>48</td>
<td>Finance</td>
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<td>FINSR1</td>
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<td>Financial Technology</td>
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<td>IBUSA1</td>
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<td>INFSR1</td>
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<td>Information Systems</td>
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<td>MARKA1</td>
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<td>Marketing</td>
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<td>MGMTA1</td>
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<td>Management</td>
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<td>MGMTH1</td>
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<td>TABLA1</td>
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<tr>
<td>TABLC1</td>
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**Majors**

3970 - Science

Students must complete at least one Science major selected from the list below. Students should declare their major prior to commencing Stage 2 courses.

Notes:
1. Students in 4076 Science/Education can only choose from the following majors: Biology, Chemistry, Ecology, Geography, Mathematics for Education, Pathology, Physics, Physiology. All other majors in 3970 are not permitted.
2. Students are not permitted to take the Bioinformatics major BINFB1 when taking the degree in dual award mode with the Bachelor of Engineering (Bioinformatics) program.

**MAJOR:**

<table>
<thead>
<tr>
<th>Code</th>
<th>UOC</th>
<th>Description</th>
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<tbody>
<tr>
<td>ANATA1</td>
<td>72</td>
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<td>BINFB1</td>
<td>96</td>
<td>Bioinformatics</td>
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<td>BIOCC1</td>
<td>90</td>
<td>Genetics</td>
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<td>BIOCM1</td>
<td>84</td>
<td>Molecular and Cell Biology</td>
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<tr>
<td>BIOSG1</td>
<td>78</td>
<td>Ecology</td>
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<tr>
<td>BIOSJ1</td>
<td>78</td>
<td>Biology</td>
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<tr>
<td>BIOTA1</td>
<td>84</td>
<td>Biotechnology</td>
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<table>
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<tr>
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<tr>
<td>CHEMA1</td>
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<td>Chemistry</td>
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<tr>
<td>FOODH1</td>
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<td>Food Science</td>
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<td>GEOGG1</td>
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<td>Geography</td>
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<td>GEOGK1</td>
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<td>GEOLS1</td>
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<td>Earth Science</td>
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<tr>
<td>MATHM1</td>
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<td>MATHT1</td>
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<td>MATHV1</td>
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<td>MATSB1</td>
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<td>MICRB1</td>
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<td>Microbiology</td>
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<tr>
<td>MSCIM1</td>
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<td>Marine and Coastal Science</td>
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</table>
Minors

3970 - Science

Students may choose to complete an optional minor in one of the following areas, using their Science and/or free electives. Please note that students in 4076 Science Education are NOT permitted to declare a minor.

MINOR:

ANATB2  |  36 UOC
Anatomy

ARCYB2  |  36 UOC
Palaeosciences
<table>
<thead>
<tr>
<th>Code</th>
<th>UOC</th>
<th>Subject</th>
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<tbody>
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<td>BIOCD2</td>
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<td>Molecular Biology</td>
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<tr>
<td>BIOSD2</td>
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<td>Biology</td>
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<td>CHEMD2</td>
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<td>Chemistry</td>
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<td>CLIMA2</td>
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<td>Climate Science</td>
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<td>GEOLF2</td>
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<td>Statistics</td>
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<td>MSCIH2</td>
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<td>Marine Science</td>
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<td>PATHB2</td>
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<td>PHARB2</td>
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<td>PHSLB2</td>
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<tr>
<td>PHYSC2</td>
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<td>Physics</td>
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</table>
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
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
<th>Course Name</th>
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<tr>
<td>ACCT1511</td>
<td>6</td>
<td>Accounting and Financial Management 1B</td>
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<tr>
<td>COMM1000</td>
<td>6</td>
<td>Creating Social Change: From Innovation to Impact</td>
</tr>
<tr>
<td>ECON1102</td>
<td>6</td>
<td>Macroeconomics 1</td>
</tr>
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<td>FINS1613</td>
<td>6</td>
<td>Business Finance</td>
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<tr>
<td>INFS1602</td>
<td>6</td>
<td>Digital Transformation in Business</td>
</tr>
<tr>
<td>MARK1012</td>
<td>6</td>
<td>Marketing Fundamentals</td>
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<tr>
<td>MGMT1101</td>
<td>6</td>
<td>Global Business Environment</td>
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<tr>
<td>TABL1710</td>
<td>6</td>
<td>Business and the Law</td>
</tr>
</tbody>
</table>

Science Elective Courses
3970 - Science

Students must take at least 12 UOC of the following courses.

- any Anatomy course
- any Aviation course
- any Biotechnology & Biomolecular Sciences course
- any Biological, Earth & Environmental Science course
- any Biochemistry course
- any Biological Science course
- any Biotechnology course
- any Chemistry course
- any Climate Science course
- any Computer Science course
- any Food Technology course
- any Geoscience course
- any Mathematics course
- any Materials Science and Engineering course
- any Microbiology course
any Marine Science course

any Neuroscience course

any Optometry course

any Pathology course

any Pharmacology course

any Physiology course

any Physics course

any Psychology course

any Faculty of Science course

any Medical Science course

any Vision Science course

**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**

3970 - Science

Students must have completed 30 UOC before taking any of the following courses.
Level 3 Maturity Requirements

3970 - Science

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

any level 3 course

any level 6 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

Minimum Science UOC

3970 - Science

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

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

**Level 1 Science UOC**

3970 - Science

Students must complete a minimum of 24 UOC of the following courses.

any level 1 course offered by Faculty of Science

**Maximum Level 1 UOC**

3970 - Science

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

**Major Course Substitution**

3529 - Commerce / Science

For any majors that require ECON1202, MATH1011/MATH1031/MATH1131/MATH1141/MATH1151 completed under the Science component will act as a substitute so in these cases a student should not do ECON1202 but instead complete another Major elective to meet the 48UOC requirement.

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.

**Double Counting**

3970 - Science

Students cannot complete a minor with the same name as their nominated major,
and Level II and III courses cannot be double-counted between majors and minors.
More than one minor may be completed subject to the limit on double-counting.
Students must declare their minor(s) before their final term.

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)

Pre-2019 Handbook Editions