



Double Degree

Economics / Computer Science

3673 | 192 Units of Credit

Overview

This program allows students to study a double degree in both Economics and Computer Science. There are practical applications in combining such majors as Econometrics with the discipline of computer science. This program has an extensive range of majors in both economics (3) and computer science (8). An honours year in economics or computer science is possible for high-achieving students following completion of this program.

Faculty

UNSW Business School

Faculty of Engineering

Campus

Kensington

Study Level

Undergraduate

Typical duration

4 Years

Intake Period

Term 1, Term 3

Academic Calendar

3+ Calendar

Minimum Units of Credit

192

Award(s)

Bachelor of Economics -

BEC

Bachelor of Science -

BSc

UAC Code

424480

CRICOS Code

0101073

Learning Outcomes

3543 - Economics

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.

Global Citizens Scholars Leaders Professionals

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.

Professionals Leaders Scholars Global Citizens

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

Scholars Global Citizens Leaders Professionals

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.

Leaders Global Citizens

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

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 3543

Economics

Program 3778

Computer Science

Double Degree Structure

Students must complete 192 UOC.

Economics Majors

3543 - Economics

Students must complete at least one of the specialisations below.

Please note: If you choose to study a 2nd Economics major, you must choose another 6 courses (36 UOC) from the second major that do not overlap with the first major.

MAJOR:

ECONA1 | 60 UOC
Economics

ECONE1 | 60 UOC
Econometrics

ECONJ1 | 60 UOC
Financial Economics

Majors

3778 - Computer Science

COMPA1 is the default stream, and will be used if no other stream is selected.

MAJOR:

COMPA1 | 96 UOC
Computer Science

COMPDP1 | 96 UOC
Computer Science (Database Systems)

COMPE1 | 96 UOC

Computer Science (eCommerce Systems)

COMPI1 | 96 UOC

Computer Science (Artificial Intelligence)

COMPJ1 | 96 UOC

Computer Science (Programming Languages)

COMPN1 | 96 UOC

Computer Science (Computer Networks)

COMPS1 | 96 UOC

Computer Science (Embedded Systems)

COMPY1 | 96 UOC

Computer Science (Security Engineering)

Economics Core Course

3543 - Economics

Students must take 6 UOC of the following courses.

Please Note: ECON1101 must be completed before ECON1401. ECON1401 cannot be counted towards an Economics major.

ECON1401 | 6 UOC

Economic Perspectives

Introductory Business Course

3543 - Economics

Students must take 6 UOC of the following courses.

Please Note: The below courses cannot be counted towards an Economics major.

ACCT1501 | 6 UOC

Accounting and Financial Management 1A

FINS1613 | 6 UOC

Business Finance

INFS1602 | 6 UOC

Digital Transformation in Business

MARK1012 | 6 UOC

Marketing Fundamentals

MGMT1001 | 6 UOC

Managing Organisations and People

TABL1710 | 6 UOC

Business and the Law

UNSW Business Electives

3543 - Economics

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

[any course offered by UNSW Business School](#)

Economics Electives

3543 - Economics

Students must complete 12 UOC of Economics electives or accepted substitutes of Economics electives to ensure a student completes a minimum of 78 UOC of Economics courses.

Note: Students in combined Economics/Computer Science, Economics/Science or Economics/Adv Science (Hons) who complete MATH1031/1041, MATH1131/MATH1231, MATH1141/MATH1241 instead of ECON1202/ECON1203 have the option of counting the MATH pair towards the Science component and must complete 2 additional Economics electives (4 in total) OR towards the Economics component and must complete 2 additional Science electives.

Students in combined Economics/Adv Mathematics (Hons) must count the MATH pair

towards their Science component and will therefore complete 24 UOC of Economics electives.

ACCT3563 | 6 UOC

Issues in Financial Reporting and Analysis

ACCT3583 | 6 UOC

Management Accounting 2

[any Economics course](#)

Minimum Economics UOC

3543 - Economics

Students must complete a minimum of 78 UOC of Economics courses or accepted substitutes of Economics electives.

ACCT3563 | 6 UOC

Issues in Financial Reporting and Analysis

ACCT3583 | 6 UOC

Management Accounting 2

[any Economics course](#)

Maximum Level 1 UOC

3543 - Economics

No more than 60 UOC in Level 1 courses will be counted towards the Economics component of the dual degree.

[any level 1 course](#)

Minimum UNSW Business School UOC

3543 - Economics

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

any course offered by UNSW Business School

Maximum Level 1 Electives UOC

3778 - Computer Science

Students may only undertake a maximum of 60 UOC of the following courses.

[any level 1 course](#)

Level 2 and 3 Maturity Requirements

3543 - Economics

Students must have completed 24 UOC before taking any Level 2 courses.

Students 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)

[Pre-2019 Handbook Editions](#)

© UNSW Sydney (CRICOS Provider No.: 00098G), 2019. The information contained in this Handbook is indicative only. While every effort is made to keep this information up-to-date, the University reserves the right to discontinue or vary arrangements, programs and courses at any time without notice and at its discretion. While the University will try to avoid or minimise any inconvenience, changes may also be made to programs, courses and staff after enrolment. The University may also set limits on the number of students in a course.

Authorised by Deputy Vice-Chancellor (Academic)

CRICOS Provider Code 00098G

ABN: 57 195 873 179