**Information Systems (Co-op) (Honours)***

3964 | 192 Units of Credit

**Overview**

The BIS (Co-op) (Hons) is a full-time four year Honours degree program. It is an industry linked education program leading to the award of the qualification Bachelor of Information Systems (Co-op) (Honours). The program draws on both Information Systems and business and is intended to develop conceptual and practical skills. After an introductory first stage, students will learn about business analysis systems and design, data management, business systems infrastructure and security as well as commercial programming statistics, management accounting and commercial programming.

The BIS (Co-op) (Hons) program has been designed in conjunction with Information Systems and Information Technology industry professionals to provide for the needs of Australian businesses. The program combines the requirements for the award of the degree with 18 months of coordinated industrial experience at three different sponsoring organisations (24 weeks at each). Industry Training extends outside university semesters.

The program combines courses that assist students to learn about the technical environment of IS as well as develop an understanding of the business implications of these systems. Organisations are always looking for business savvy IS graduates who understand the business and technical issues which surround and impact their information systems. IS graduates from this degree can target careers in areas such as: business systems analysis, information system development, communications networks analysis and development; IS security development; e-business systems development; business intelligence systems construction, and IS and IT architecture and infrastructure development and maintenance.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>UNSW Business School</th>
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<tbody>
<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
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<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
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<tr>
<td><strong>Typical duration</strong></td>
<td>4 Years</td>
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<tr>
<td><strong>Delivery Mode</strong></td>
<td>Face-to-face</td>
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<td><strong>Academic Calendar</strong></td>
<td>3+ Calendar</td>
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<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>192</td>
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<tr>
<td><strong>Award type</strong></td>
<td>Bachelors Honours</td>
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<td><strong>Award(s)</strong></td>
<td>Bachelor of Information Systems (Co-op) (Honours) - BIS(Co-op)(Hons)</td>
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<tr>
<td><strong>UAC Code</strong></td>
<td>424640</td>
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Learning Outcomes

1. Work place skills: Students should be able to conduct themselves in a professional manner in the work environment, communicate effectively in diverse workplace situations and be able to apply discipline knowledge and understanding to real business problems with initiative and self-direction.
2. Ethical, sustainability and environmental responsibility: Students should be able to identify and assess ethical, environmental and/or sustainability considerations in business decision-making and practice.
3. Knowledge: Students should be able to apply a highly developed understanding of information systems knowledge and theoretical to business situations in a local and global environment.
4. Oral Communication: Students should be able to prepare and deliver oral presentations that are clear, focused, well-structured, and delivered in a professional manner.
5. Written Communication: Students should be able to prepare written documents (including research) that are clear and concise, using appropriate style and presentation for the intended audience, purpose and context.
6. Critical thinking and problem solving: Students should be able to identify and research issues in business situations, analyse the issues, and propose appropriate and well-justified solutions.
7. Teamwork: Students should be able to participate collaboratively and responsibly in teams, and to reflect on their own teamwork, and on the team's processes and ability to achieve outcomes.
8. Social and cultural understanding: Students should be able to identify social and cultural implications of business situations.
9. Research Capability: Students should be able to plan and execute a piece of research in the field of information systems with some independence.

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Program Structure

Students must complete 192 UOC as a standalone program.

Level 1 Core Courses

Students must take 42 UOC of the following courses.

ACCT1501  6 UOC
Accounting and Financial Management 1A

INFS1602  6 UOC
Digital Transformation in Business

INFS1603  6 UOC
Introduction to Business Databases

INFS1609  6 UOC
Fundamentals of Business Programming

MGMT1001  6 UOC
Managing Organisations and People

One of the following:
ACCT1511  6 UOC
Accounting and Financial Management 1B

ECON1101  6 UOC
Microeconomics 1

One of the following:
ECON1203  6 UOC
Business and Economic Statistics

MATH1041  6 UOC
Statistics for Life and Social Sciences
**Level 2 Core Courses**

Students must take 36 UOC of the following courses.

Please note: It is recommended students complete INFS2603 in their first year.

- **INFS2101 | 12 UOC**  
  Industry Placement 1

- **INFS2603 | 6 UOC**  
  Business Analysis

- **INFS2605 | 6 UOC**  
  Intermediate Business Programming

- **INFS2608 | 6 UOC**  
  Database Management & Big Data Infrastructures

- **INFS2621 | 6 UOC**  
  Enterprise Systems

**Level 3 Core Courses**

Students must take 48 UOC of the following courses.

Please note: It is recommended students complete INFS3617 in their second year.

- **INFS3202 | 6 UOC**  
  Industry Placement 2

- **INFS3303 | 6 UOC**  
  Industry Placement 3

- **INFS3604 | 6 UOC**  
  Business Process Management

- **INFS3605 | 6 UOC**  
  Information Systems Innovation & Transformation
Level 2 and 3 Prescribed Electives

Students must take at least 6 UOC of the following courses.

- **INFS2631 | 6 UOC**
  Innovation and Technology Management

- **INFS3020 | 6 UOC**
  International Information Systems and Technology Practicum

- **INFS3603 | 6 UOC**
  Introduction to Business Analytics

- **INFS3632 | 6 UOC**
  Service and Quality Management

- **INFS3830 | 6 UOC**
  Social Media and Analytics

- **INFS3873 | 6 UOC**
  Business Analytics Methods

Level 4 Core Courses

Students must take 36 UOC of the following courses.

- **INFS4800 | 6 UOC**
  Thesis A

- **INFS4801 | 6 UOC**
  Thesis B
Level 4 Prescribed Electives

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

INFS4831 | 6 UOC
Information Systems Consulting

INFS4854 | 6 UOC
Information Systems Strategy and Management

INFS4858 | 6 UOC
Managing Complex Projects

INFS4907 | 6 UOC
Managing Security and Ethics in Cyberspace

General Education

Students must take at least 12 UOC of any General Education course, excepting any courses listed under 'Excluded General Education Courses'.

Excluded General Education Courses

Students enrolled in programs within the UNSW Business School cannot take any course offered by the Business School in fulfillment of their General Education requirements. The following courses are also excluded as General Education options for students in UNSW Business School programs:
CDEV1112  |  6 UOC  
Creating Your Career: Employability for the Future

CDEV3000  |  6 UOC  
Practice of Work

DIPP1111  |  6 UOC  
Introduction to Leadership and Professional Practice

any General Education course offered by UNSW Business School

GENL2021  |  6 UOC  
Introduction to the Australian Legal System

GENL2032  |  6 UOC  
Cyberspace Law 2.0

**Level 2 and 3 Maturity Requirements**

Students must have completed 24 UOC before taking any Level 2 courses. Students must have completed 48 UOC before taking any Level 3 courses.

**Maximum Level 1 UOC**

No more than 72 UOC (not including 12 UOC of General Education courses) in Level 1 courses will be counted towards the degree.

any level 1 course

**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.
Related Programs

Bachelor of Commerce (Co-op) - **BCom(Co-op)**

*3554 Commerce (Co-op)*

Faculty: UNSW Business School
Campus: Kensington
Units of Credit: 192
Typical Duration: 4 Years

Read More

Bachelor of Information Systems - **BIS**

*3979 Information Systems*

Faculty: UNSW Business School
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More
Admission Requirements

Special Admission Requirements

Additional selection criteria for admission to this program:

- Questionnaire
- Interview

Students wishing to apply for this program are required to apply through UAC, submit an application form to the UNSW Co-op Office by 30 September of the year prior to University Entry and participate in an interview.

For more information about admission requirements for various UNSW programs, visit the following website(s):

Domestic Students
International Student
Program Requirements

Progression Requirements

Students must maintain a WAM of at least 65 to remain in the UNSW IS Co-op program.

To progress to year 4 (honours) students must have a minimum WAM of 70 within their IS courses.

For more information on university policy on progression requirements please visit Academic Progression.

Internships and Placements

This four Stage program teaches Information Systems Theory and Practice and provides industrial training linked to that teaching. The three industry placements in the course are each of approximately six months duration, running from January of Stages 2 and 3, and July of Stage 3 of the program.
Professional Outcomes

Professional Recognition
Graduates are eligible to apply for membership of various professional organisations according to the area of specialisation completed. For further information on professional recognition please contact UNSW Business School. [https://www.business.unsw.edu.au/professionalrecognition/undergraduate]

Career Opportunities

Business analyst, e-commerce specialist, IS development specialist, IS/IT consultant, IT infrastructure developer, network analyst, network developer, project management specialist, systems analyst.
Recognition of Achievement

University Medal

The University Medal is awarded to recognise outstanding academic performance by a bachelor degree student in line with the University Medal Policy and University Medal Procedure.

Honours Classes

Class of Honours will be based upon average of results in Level 4 courses (weighted as 50% coursework and 50% thesis):

- First Class Honours 85 and above
- Second Class Division I 75 – 84
- Second Class Division II 65 – 74
- Third Class 50 – 64
Additional Information

For more information about requirements for the BIS (Co-op) (Hons) Program please visit the frequently asked questions page.

Please note that these requirements may be subject to change. Students should always follow the program requirements according to the year they started their degree. For more information please visit Previous UNSW Online Handbooks.

Contact the UNSW Business School Student Centre for advice.
tel: + 61 2 9385 3189
location: Level 1, room 1028, Quadrangle Building
Forms, policies and procedures
Frequently asked questions
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

**Additional Expenses**

The proposed award change will not impact on existing resourcing for this program.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179