Overview

The Information Systems (IS) major is tailored to students who are interested in business and management aspects of the discipline. You will learn about business IS in various complex decision making contexts and how these systems, and the information generated by them, support the modern organisation in achieving both day-to-day and long-term objectives. Graduates from this specialisation have a range of broad career paths to choose including: Business Consulting; Forensics and Intelligence; New Product/Service Development; Internet Entrepreneurship; Systems Development; Communications and Networking; Information Systems Security; Project Management; and Information Technology Management. With a BCom (IS) you can combine Information Systems with another Commerce discipline such as Accounting, Marketing, Economics, Business Law & Taxation, Banking & Finance or Organisation & Management.

- A major in Information Systems consists of 48 UOC (8 courses). Five (5) of these courses are specified; the other three (3) are IS elective courses that are chosen from the list below. At least two (2) of these elective courses must be at level 3 (i.e. INFS3XXX). This is regardless of whether you are doing a single major or taking Information Systems as a second major.

- A minor in Information Systems consists of 30 UOC (5 courses) containing: INFS1602, INFS1603, INFS2603, INFS2621 and INFS3603. The minor does not form part of the nominated major.
**Faculty**
UNSW Business School

**School**
School of Information Systems and Technology Management

**Study Level**
Undergraduate

**Minimum Units of Credit**
48

**Specialisation Type**
Major
Available in Program(s)

Program(s) in which this major is available

**Bachelor of Commerce - BCom**

*3502 Commerce*

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

Read More

**Bachelor of Economics - BEc**

*3543 Economics*

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

Read More

**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 Commerce (International) - BCom(International)**

*3558 Commerce (International)*

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

Read More

**Bachelor of Actuarial Studies - BActSt**

*3586 Actuarial Studies*
Faculty: UNSW Business School
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

Read More

Bachelor of Actuarial Studies (Co-op) - BActSt (Co-op)

3587 Actuarial Studies (Co-op)

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

Read More
Specialisation Structure

Students must complete 48 UOC.

Core Courses

Students must take 30 UOC of the following courses.

INFS1602  |  6 UOC
Digital Transformation in Business

INFS1603  |  6 UOC
Introduction to Business Databases

INFS2603  |  6 UOC
Business Analysis

INFS2621  |  6 UOC
Enterprise Systems

INFS3603  |  6 UOC
Introduction to Business Analytics

Prescribed Electives

Students must take 18 UOC of the following courses.

At least two (2) of these elective courses must be at level 3 (i.e. INFS3XXX). This is regardless of whether you are doing a single major or taking Information Systems as a second major.

Please note: Students may count ONE (6 UOC) of ACCT3563, COMM2222, COMM2233, COMM3020, COMM3030, COMM2101, COMM3202 or COMM3303 towards their major in Information Systems.

ACCT3563  |  6 UOC
Issues in Financial Reporting and Analysis

COMM2101  |  6 UOC
<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
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<tbody>
<tr>
<td>COMM2222</td>
<td>6</td>
</tr>
<tr>
<td>Industry Experience Program</td>
<td></td>
</tr>
<tr>
<td>COMM2233</td>
<td>6</td>
</tr>
<tr>
<td>Industry Consulting Project</td>
<td></td>
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<tr>
<td>COMM3020</td>
<td>6</td>
</tr>
<tr>
<td>Global Business Practicum</td>
<td></td>
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<tr>
<td>COMM3030</td>
<td>6</td>
</tr>
<tr>
<td>Social Entrepreneurship Practicum</td>
<td></td>
</tr>
<tr>
<td>COMM3202</td>
<td>6</td>
</tr>
<tr>
<td>Industry Experience Placement 2</td>
<td></td>
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<tr>
<td>COMM3303</td>
<td>6</td>
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<tr>
<td>Industry Experience Placement 3</td>
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<tr>
<td>INFS2605</td>
<td>6</td>
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<tr>
<td>Intermediate Business Programming</td>
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<tr>
<td>INFS2608</td>
<td>6</td>
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<tr>
<td>Database Management &amp; Big Data Infrastructures</td>
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<tr>
<td>INFS2609</td>
<td>6</td>
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<tr>
<td>Programming for Business</td>
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<tr>
<td>INFS2631</td>
<td>6</td>
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<tr>
<td>Innovation and Technology Management</td>
<td></td>
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<tr>
<td>INFS3020</td>
<td>6</td>
</tr>
<tr>
<td>International Information Systems and Technology Practicum</td>
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</tbody>
</table>
INFS3604  |  6 UOC  
Business Process Management

INFS3605  |  6 UOC  
Information Systems Innovation & Transformation

INFS3617  |  6 UOC  
Networking & Cyber Security

INFS3632  |  6 UOC  
Service and Quality Management

INFS3634  |  6 UOC  
Mobile Applications Development

INFS3830  |  6 UOC  
Social Media and Analytics

INFS3873  |  6 UOC  
Business Analytics Methods

**REQUIREMENTS: DOUBLE MAJOR ACCOUNTING & INFORMATION SYSTEMS**

ACCT3563 is included for the benefit of students undertaking majors in both Accounting and Information Systems to allow compliance with the requirements of the professional Accounting bodies. Students with majors in Accounting and Information Systems may count this course towards the Information Systems major AND the Accounting major.

**Certification as Business Analyst by SAS**

Students who complete the following four courses will be eligible for certification as a Business Analyst by SAS.
- INFS3603 Introduction to Business Analytics (6 UOC)
- INFS3830 Social Media and Analytics (6 UOC)
- INFS3873 Business Analytics Methods (6 UOC)
- INFS2608 Database Management & Big Data Infrastructures (6 UOC)
**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.
Additional Information

Honours

Honours level study is available for Information Systems students.

Students interested in studying at Honours Level should refer to the relevant Honours stream record 4501 B Commerce (Honours) for entry requirements.

Further Information

Please note that these requirements may be subject to change. Students are advised to follow requirements according to the year they commenced. Please refer to previous editions of the Online Handbook for your program requirements.

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
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions