



**3687 Bachelor of Information Systems
NEW Student Advising Guide
Sydney City Campus
Trimester 3 2025**

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3687 Bachelor of Information Systems No Major

Trimester 3 2025 Commencing Student Advising Guide

This Advising Guide has been specifically created for NEW students enrolled in a Bachelor of Information Systems with no major at Western Sydney University, Sydney City Campus commencing in T3 2025.

This guide provides students with details of the subjects they will need to study to complete their degree. It is divided into 2 sections;

1. **Course structure:** subjects divided into categories (e.g. Core, Key Program and Elective).
2. **Subjects for 2025**

Study load options

Fulltime study:	Students should select 3 subjects per Trimester (International students are required to study a full-time load)
Part-time study:	Students should select 1-2 subjects per Trimester
Accelerated study:	Students should select 4 subjects per Trimester*

*Students should only consider taking 4 subjects per Trimester once they have completed at least one Trimester of study at Sydney City Campus.

Subject prerequisites and assumed knowledge

Students should check the handbook entry for more subject information including prerequisites, subject levels and assumed knowledge.

Advanced Standing

Students who have received Advanced Standing for previous study should make sure they take into account which subjects they have been granted credit for, before selecting their subjects to study at Sydney City Campus. Students with Advanced Standing who have questions about which subjects to select can also contact the program convenors via computing@city.westernsydney.edu.au for personalised course advice.

For more assistance or advice on your Program, you can also make an appointment at Sydney City Campus reception to meet with a Student Adviser or via their online booking system <https://calendly.com/student-services-teams> Alternatively, you can contact them at studentservices@city.westernsydney.edu.au

For electives, students can use the handbook to search for other undergraduate subjects available at the Sydney City Campus for each Trimester. <https://hbook.westernsydney.edu.au/>



Course structure

Qualification for this award requires the successful completion of 240 credit points, which includes:

16 Core Subjects (160 credit points)

INFO1003	Professional Practice, Communication and Ethics
COMP2004	Computer Networking
INFS2001	Database Design and Development
INFO 3003	Human-Computer Interaction
INFO3019	Project Management
COMP3018	Professional Experience
COMP1005	Programming Fundamentals
INFS 2013	Systems Analysis and Design
INFS3006	Emerging Trends in Information Systems
ACCT 1005	Accounting in Context
BUSM 1042	Introduction to Business Analytics
INFS 1016	Digital Transformation and Design Thinking
INFS 2012	Digital Technologies and Security
INFS 3027	Social Computing and Systems Thinking
INFS 3024	Enterprise Architecture
INFS 3023	Advanced Systems Development Methodologies

Elective subjects (80 credit points)

Students can choose 80 credit points of elective subjects from eligible undergraduate subjects available at the Sydney City Campus.



Subjects for commencing students at Sydney City Campus in Term 3 2025

Trimester 3 2025

COMP 1005	Programming Fundamentals
INFO 1003	Professional Practice, Communication and Ethics
INFS 1016	Digital Transformation and Design Thinking



3687 Bachelor of Information Systems Business Analytics

Trimester 3 2025 Commencing Student Advising Guide

This Advising Guide has been specifically created for NEW students enrolled in a Bachelor of Information Systems with Business Analytics major at Western Sydney University, Sydney City Campus commencing in T3 2025

This guide provides students with details of the Subjects they will need to study to complete their degree. It is divided into 2 sections;

1. **Course structure:** Subjects divided into categories (e.g. Core, Key Program and Elective).
2. **Subjects for 2025**

Study load options

Fulltime study:	Students should select 3 Subjects per Trimester (International students are required to study a full-time load)
Part-time study:	Students should select 1-2 Subjects per Trimester
Accelerated study:	Students should select 4 Subjects per Trimester*

*Students should only consider taking 4 Subjects per Trimester once they have completed at least one Trimester of study at Sydney City Campus.

Subject prerequisites and assumed knowledge

Students should check the handbook entry for more subject information including prerequisites, subject levels and assumed knowledge.

Advanced Standing

Students who have received Advanced Standing for previous study should make sure they take into account which Subjects they have been granted credit for, before selecting their Subjects to study at Sydney City Campus. Students with Advanced Standing who have questions about which Subjects to select can also contact the program convenors via computing@city.westernsydney.edu.au for personalised course advice.

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For electives, students can use the handbook to search for other undergraduate subjects available at the Sydney City Campus for each Trimester. <https://hbook.westernsydney.edu.au/>

More detailed program and subject information can be found in the Western Sydney Handbook <https://hbook.westernsydney.edu.au/programs/bachelor-information-systems/>



Course structure

Qualification for this award requires the successful completion of 240 credit points, which includes:

16 Core Subjects (160 credit points)

INFO1003	Professional Practice, Communication and Ethics
COMP2004	Computer Networking
INFS2001	Database Design and Development
INFO 3003	Human-Computer Interaction
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INFS 2013	Systems Analysis and Design
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ACCT 1005	Accounting in Context
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Business Analytics major Subjects (80 credit points)

COMP 1014	Thinking About Data
COMP 1013	Analytics Programming
COMP 2025	Introduction to Data Science
COMP 2026	Visual Analytics
COMP 3002	Applications of Big Data
COMP 3020	Social Web Analytics
COMP 3032	Machine Learning
BUSM 3081	Business Analytics Project



Subjects for commencing students at Sydney City Campus in Term 3 2025

Trimester 3 2025

COMP 1005	Programming Fundamentals
INFO 1003	Professional Practice, Communication and Ethics
COMP 1013	Analytics Programming



3687 Bachelor of Information Systems Cybersecurity Management

Trimester 3 2025 Commencing Student Advising Guide

This Advising Guide has been specifically created for NEW students enrolled in a Bachelor of Information Systems with Cybersecurity Management major at Western Sydney University, Sydney City Campus commencing in T3 2025

This guide provides students with details of the subjects they will need to study to complete their degree. It is divided into 2 sections;

1. **Course structure:** subjects divided into categories (e.g. Core, Key Program and Elective).
2. **Subjects for 2025**

Study load options

Fulltime study:	Students should select 3 subjects per Trimester (International students are required to study a full-time load)
Part-time study:	Students should select 1-2 subjects per Trimester
Accelerated study:	Students should select 4 subjects per Trimester*

*Students should only consider taking 4 subjects per Trimester once they have completed at least one Trimester of study at Sydney City Campus.

Subject prerequisites and assumed knowledge

Students should check the handbook entry for more subject information including prerequisites, subject levels and assumed knowledge.

Advanced Standing

Students who have received Advanced Standing for previous study should make sure they take into account which subjects they have been granted credit for, before selecting their subjects to study at Sydney City Campus. Students with Advanced Standing who have questions about which subjects to select can also contact the program convenors via computing@city.westernsydney.edu.au for personalised course advice.

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Cybersecurity Management major subjects (80 credit points)

INFO 2008	Cyber Incident Response and Risk Management
INFO 2004	Cyber Crime and Social Engineering
COMP 2027	Cyber Security
INFO 2006	Usable Security
INFO 3015	Internet of Things and Smart Environments
HUMN 3030	Cyber Justice (UG)
CULT 3024	Crime, Media, Culture
INFO 3018	Computing Practicum



Subjects for commencing students at Sydney City Campus in Term 3 2025

Trimester 3 2025

COMP 1005	Programming Fundamentals
INFO 1003	Professional Practice, Communication and Ethics
INFS 1016	Digital Transformation and Design Thinking



3687 Bachelor of Information Systems Network Management

Trimester 3 2025 Commencing Student Advising Guide

This Advising Guide has been specifically created for NEW students enrolled in a Bachelor of Information Systems with Network Management major at Western Sydney University, Sydney City Campus commencing in T3 2025

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Study load options

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ACCT 1005	Accounting in Context
BUSM 1042	Introduction to Business Analytics
INFS 1016	Digital Transformation and Design Thinking
INFS 2012	Digital Technologies and Security
INFS 3027	Social Computing and Systems Thinking
INFS 3024	Enterprise Architecture
INFS 3023	Advanced Systems Development Methodologies

Network Management major subjects (80 credit points)

COMP 3012	Introduction to Cloud Computing
COMP 3007	Computer Networks and Internets
COMP 2013	LAN Workshop
INFO 3007	Network Security
COMP 3014	Networked Systems Design
COMP 3025	Wireless and Mobile Networks
COMP 2027	Cyber Security
INFO 3015	Internet of Things and Smart Environments



Subjects for commencing students at Sydney City Campus in Term 3 2025

Trimester 3 2025

COMP 1005	Programming Fundamentals
INFO 1003	Professional Practice, Communication and Ethics
INFS 1016	Digital Transformation and Design Thinking