



3687 Bachelor of Information Systems
NEW Student Advising Guide
Sydney City Campus
Trimester 3 2024

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3687 Bachelor of Information Systems No Major

Trimester 3 2024 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 2024.

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 T3 2024**
3. **Recommended sequences:** the recommended order of subjects a student should follow to complete their degree. Sequences have been provided to assist students with planning their enrolment. For more detailed information, students can book in with their Program Convenor or a Student Advisor (see information below).

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)

COMP1005	Programming Fundamentals
COMM1044	Professional Communication
INFS1006	Systems Analysis and Design
INFS1002	Information Systems in Context
COMP2004	Computer Networking
INFS2001	Database Design and Development
MATH1030	Statistics for Business
COMP2020	Technologies for Web Applications
INFO3003	Human-Computer Interaction
INFS3012	Information Systems Deployment and Management
COMP3013	Mobile Applications Development
INFO3019	Project Management
INFS3006	Emerging Trends in Information Systems
COMP3018	Professional Experience
INFO3011	Social Computing
COMP2027	Cyber Security

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 2024

Trimester 3 2024

INFS1002	Information Systems in Context
INFS1006	Systems Analysis and Design
COMP1005	Programming Fundamentals



Recommended sequences for Bachelor of Information Systems (No Major) for students starting in T3 2024

Term 3 2024	INFS1002	Information Systems in Context
Term 3 2024	INFS1006	Systems Analysis and Design
Term 3 2024	COMP1005	Programming Fundamentals
Term 1 2025	MATH 1030	Statistics for Business
Term 1 2025	COMP 2004	Computer Networking
Term 1 2025	Elective	
Term 2 2025	COMM1044	Professional Communication
Term 2 2025	COMP2020	Technologies for Web Applications
Term 2 2025	COMP2027	Cyber Security
Term 3 2025	INFS2001	Database Design and Development
Term 3 2025	Elective	
Term 3 2025	Elective	
Term 1 2026	COMP3013	Mobile Applications Development
Term 1 2026	Elective	
Term 1 2026	INFS3012	Information Systems Deployment and Management
Term 2 2026	INFO3003	Human-Computer Interaction
Term 2 2026	INFS3006	Emerging Trends in Information Systems
Term 2 2026	Elective	
Term 3 2026	INFO3019	Project Management
Term 3 2026	INFO3011	Social Computing
Term 3 2026	Elective	
Term 1 2027	COMP3018	Professional Experience
Term 1 2027	Elective	
Term 1 2027	Elective	

Colour Code:	Core subject	Elective subject
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3687 Bachelor of Information Systems Big Data

Trimester 3 2024 Commencing Student Advising Guide

This Advising Guide has been specifically created for NEW students enrolled in a Bachelor of Information Systems with Big Data major at Western Sydney University, Sydney City Campus commencing in T3 2024

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 T3 2024**
3. **Recommended sequences:** the recommended order of subjects a student should follow to complete their degree. Sequences have been provided to assist students with planning their enrolment. For more detailed information, students can book in with their Program Convenor or a Student Advisor (see information below).

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)

COMP1005	Programming Fundamentals
COMM1044	Professional Communication
INFS1006	Systems Analysis and Design
INFS1002	Information Systems in Context
COMP2004	Computer Networking
INFS2001	Database Design and Development
MATH1030	Statistics for Business
COMP2020	Technologies for Web Applications
INFO3003	Human-Computer Interaction
INFS3012	Information Systems Deployment and Management
COMP3013	Mobile Applications Development
INFO3019	Project Management
INFS3006	Emerging Trends in Information Systems
COMP3018	Professional Experience
INFO3011	Social Computing
COMP2027	Cyber Security

Big Data major Subjects (80 credit points- 40 credit points of new Subjects)

COMP1005	Programming Fundamentals (also a core subject)
INFS1002	Information Systems in Context (also a core subject)
MATH1030	Statistics for Business (also a core subject)
COMP2025	Introduction to Data Science
COMP2026	Visual Analytics
COMP3002	Applications of Big Data
INFS3006	Emerging Trends in Information Systems (also a core subject)
COMP3020	Social Web Analytics

Elective Subjects (40 credit points)

Students can choose 40 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 2024

Trimester 3 2024

INFS1002	Information Systems in Context
INFS1006	Systems Analysis and Design
COMP1005	Programming Fundamentals



Recommended sequences for Bachelor of Information Systems (Big Data Major) for students starting in T3 2024

Term 3 2024	INFS1002	Information Systems in Context
Term 3 2024	INFS1006	Systems Analysis and Design
Term 3 2024	COMP 1005	Programming Fundamentals
Term 1 2025	MATH 1030	Statistics for Business
Term 1 2025	Elective	
Term 1 2025	COMP 2004	Computer Networking
Term 2 2025	COMM1044	Professional Communication
Term 2 2025	INFS2001	Database Design and Development
Term 2 2025	COMP2020	Technologies for Web Applications
Term 3 2025	COMP2027	Cyber Security
Term 3 2025	COMP3002	Applications of Big Data
Term 3 2025	COMP3020	Social Web Analytics
Term 1 2026	COMP3013	Mobile Applications Development
Term 1 2026	INFS3012	Information Systems Deployment and Management
Term 1 2026	COMP 2025 (Math2009)	Introduction to Data Science
Term 2 2026	INFO3003	Human-Computer Interaction
Term 2 2026	COMP2026	Visual Analytics
Term 2 2026	INFS3006	Emerging Trends in Information Systems
Term 3 2026	INFO3019	Project Management
Term 3 2026	INFO3011	Social Computing
Term 3 2026	Elective	
Term 1 2027	COMP3018	Professional Experience
Term 1 2027	Elective	
Term 1 2027	Elective	

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



3687 Bachelor of Information Systems Mobile Computing

Trimester 3 2024 Commencing Student Advising Guide

This Advising Guide has been specifically created for NEW students enrolled in a Bachelor of Information Systems with Mobile Computing major at Western Sydney University, Sydney City Campus commencing in T3 2024

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 T3 2024**
3. **Recommended sequences:** the recommended order of subjects a student should follow to complete their degree. Sequences have been provided to assist students with planning their enrolment. For more detailed information, students can book in with their Program Convenor or a Student Advisor (see information below).

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)

COMP1005	Programming Fundamentals
COMM1044	Professional Communication
INFS1006	Systems Analysis and Design
INFS1002	Information Systems in Context
COMP2004	Computer Networking
INFS2001	Database Design and Development
MATH1030	Statistics for Business
COMP2020	Technologies for Web Applications
INFO3003	Human-Computer Interaction
INFS3012	Information Systems Deployment and Management
COMP3013	Mobile Applications Development
INFO3019	Project Management
INFS3006	Emerging Trends in Information Systems
COMP3018	Professional Experience
INFO3011	Social Computing
COMP2027	Cyber Security

Mobile Computing major subjects (80 credit points- 20 credit points of new subjects)

INFS3012	Information Systems Deployment and Management (also a core subject)
COMP3013	Mobile Applications Development (also a core subject)
COMP3025	Wireless and Mobile Networks
INFO3011	Social Computing (also a core subject)
INFO3007	Network Security
INFS2001	Database Design and Development (also a core subject)
INFO3003	Human-Computer Interaction (also a core subject)
COMP3018	Professional Experience (also a core subject)

Elective subjects (60 credit points)

Students can choose 60 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 2024

Trimester 3 2024

INFS1002	Information Systems in Context
INFS1006	Systems Analysis and Design
COMP1005	Programming Fundamentals



Recommended sequences for Bachelor of Information Systems (Mobile Computing Major) For students starting in T3 2024

Term 3 2024	INFS1002	Information Systems in Context
Term 3 2024	INFS1006	Systems Analysis and Design
Term 3 2024	COMP 1005	Programming Fundamentals
Term 1 2025	MATH 1030	Statistics for Business
Term 1 2025	Elective	
Term 1 2025	COMP 2004	Computer Networking
Term 2 2025	COMM1044	Professional Communication
Term 2 2025	COMP3025	Wireless and Mobile Networks
Term 2 2025	COMP2020	Technologies for Web Applications
Term 3 2025	COMP2027	Cyber Security
Term 3 2025	INFS2001	Database Design and Development
Term 3 2025	INFO3007	Network Security
Term 1 2026	COMP3013	Mobile Applications Development
Term 1 2026	INFS3012	Information Systems Deployment and Management
Term 1 2026	Elective	
Term 2 2026	INFO3003	Human-Computer Interaction
Term 2 2026	INFS3006	Emerging Trends in Information Systems
Term 2 2026	Elective	
Term 3 2026	INFO3019	Project Management
Term 3 2026	INFO3011	Social Computing
Term 3 2026	Elective	
Term 1 2027	COMP3018	Professional Experience
Term 1 2027	Elective	
Term 1 2027	Elective	

Colour Code:	Core subject	Major subject	Elective subject
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3687 Bachelor of Information Systems Networking

Trimester 3 2024 Commencing Student Advising Guide

This Advising Guide has been specifically created for NEW students enrolled in a Bachelor of Information Systems with Networking major at Western Sydney University, Sydney City Campus commencing in T3 2024

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 T3 2024**
3. **Recommended sequences:** the recommended order of subjects a student should follow to complete their degree. Sequences have been provided to assist students with planning their enrolment. For more detailed information, students can book in with their Program Convenor or a Student Advisor (see information below).

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)

COMP1005	Programming Fundamentals
COMM1044	Professional Communication
INFS1006	Systems Analysis and Design
INFS1002	Information Systems in Context
COMP2004	Computer Networking
INFS2001	Database Design and Development
MATH1030	Statistics for Business
COMP2020	Technologies for Web Applications
INFO3003	Human-Computer Interaction
INFS3012	Information Systems Deployment and Management
COMP3013	Mobile Applications Development
INFO3019	Project Management
INFS3006	Emerging Trends in Information Systems
COMP3018	Professional Experience
INFO3011	Social Computing
COMP2027	Cyber Security

Networking major subjects (80 credit points- 60 credit points of new subjects)

COMP2004	Computer Networking (also a core subject)
COMP2013	LAN Workshop
COMP3007	Computer Networks and Internets
INFO3007	Network Security
COMP3014	Networked Systems Design
INFO3002	Ethical hacking Principles and Practice
COMP3025	Wireless and Mobile Networks
COMP2027	Cyber Security (also a core subject)

Elective subjects (20 credit points)

Students can choose 20 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 2024

Trimester 3 2024

INFS1002	Information Systems in Context
INFS1006	Systems Analysis and Design
COMP1005	Programming Fundamentals



Recommended sequences for Bachelor of Information Systems- Networking Major students starting in T3 2024

Term 3 2024	INFS1002	Information Systems in Context
Term 3 2024	INFS1006	Systems Analysis and Design
Term 3 2024	COMP1005	Programming Fundamentals
Term 1 2025	MATH 1030	Statistics for Business
Term 1 2025	Elective	
Term 1 2025	COMP 2004	Computer Networking
Term 2 2025	COMM1044	Professional Communication
Term 2 2025	INFS2001	Database Design and Development
Term 2 2025	COMP2020	Technologies for Web Applications
Term 3 2025	COMP2027	Cyber Security
Term 3 2025	INFO3007	Network Security
Term 3 2025	COMP3007	Computer Networks and Internets
Term 1 2026	COMP3013	Mobile Applications Development
Term 1 2026	INFO3002	Ethical hacking Principles and Practice
Term 1 2026	COMP2013	LAN Workshop
Term 2 2026	INFS3006	Emerging Trends in Information Systems
Term 2 2026	COMP3025	Wireless and Mobile Networks
Term 2 2026	INFO3003	Human-Computer Interaction
Term 3 2026	INFO3019	Project Management
Term 3 2026	INFO3011	Social Computing
Term 3 2026	COMP3014	Networked Systems Design
Term 1 2027	COMP3018	Professional Experience
Term 1 2027	INFS3012	Information Systems Deployment and Management
Term 1 2027	Elective	

Colour Code:	Core subject	Major subject	Elective subject
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