

NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Qualification for this award requires the successful completion of 240 credit points which include the subjects listed in the recommended sequence below.

Recommended Sequence - Sydney City Campus

Click here for the recommended sequence at Sydney City Campus (https://www.westernsydney.edu.au/city/courses/undergraduate/information_and_communications_technology/).

Recommended Sequence - Campbelltown, Parramatta and Penrith Campuses

Full-time start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
COMP 1005	Programming Fundamentals	10
COMM 1026	Principles of Professional Communication 1	10
INFS 1006	Systems Analysis and Design	10
MATH 1028	Statistical Decision Making	10
Credit Points		40
Spring session		
COMP 2004	Computer Networking	10
COMP 2015	Programming Techniques	10
INFS 2001	Database Design and Development	10
Select one elective		10
Credit Points		40
Year 2		
Autumn session		
COMP 2020	Technologies for Web Applications	10
COMP 3007	Computer Networks and Internets	10
INFS 2006	Object Oriented Analysis	10
Select one elective		10
Credit Points		40
Spring session		
INFS 3017	Web Systems Development	10
COMP 3020	Social Web Analytics	10
Select two electives		20
Credit Points		40
Year 3		
Autumn session		
INFO 3003	Human-Computer Interaction	10
INFO 3008	Professional Development	10
COMP 3015	Operating Systems Programming	10
Select one elective		10
Credit Points		40
Spring session		
COMP 3018	Professional Experience	10
Select three electives		30
Credit Points		40
Total Credit Points		240

Full-time mid-year intake

Course	Title	Credit Points
Year 1		
Spring session		
COMP 2004	Computer Networking	10
INFS 2001	Database Design and Development	10
MATH 1030	Statistics for Business	10
Select one elective		10
Credit Points		40
Autumn session		
COMP 1005	Programming Fundamentals	10
INFS 1006	Systems Analysis and Design	10
COMP 3007	Computer Networks and Internets	10
COMM 1026	Principles of Professional Communication 1	10
Credit Points		40
Year 2		
Spring session		
COMP 2015	Programming Techniques	10
COMP 3020	Social Web Analytics	10
Select two electives		20
Credit Points		40
Autumn session		
COMP 2020	Technologies for Web Applications	10
INFO 3008	Professional Development	10
INFS 2006	Object Oriented Analysis	10
INFO 3003	Human-Computer Interaction	10
Credit Points		40
Year 3		
Spring session		
INFS 3017	Web Systems Development	10
Select three electives		30
Credit Points		40
Autumn session		
COMP 3018	Professional Experience	10
COMP 3015	Operating Systems Programming	10
Select two electives		20
Credit Points		40
Total Credit Points		240

Start-year 2.5 Year Accelerated Pathway with Summer Session

Course	Title	Credit Points
Year 1		
Autumn session		
COMP 1005	Programming Fundamentals	10
COMM 1026	Principles of Professional Communication 1	10
INFS 1006	Systems Analysis and Design	10
MATH 1028	Statistical Decision Making	10
Credit Points		40
Spring session		
COMP 2015	Programming Techniques	10
COMP 2004	Computer Networking	10

INFS 2001	Database Design and Development	10
Select one elective		10
Credit Points		40
Summer A session		
COMP 2020	Technologies for Web Applications	10
INFO 3003	Human-Computer Interaction	10
Credit Points		20
Year 2		
Autumn session		
COMP 3007	Computer Networks and Internets	10
INFS 2006	Object Oriented Analysis	10
Select two electives		20
Credit Points		40
Spring session		
INFS 3017	Web Systems Development	10
COMP 3020	Social Web Analytics	10
Select two electives		20
Credit Points		40
Summer A session		
INFO 3008	Professional Development	10
Select one elective		10
Please note that the choice of elective subject in Summer A session may restrict the choice of major that can be completed.		
Credit Points		20
Year 3		
Autumn session		
COMP 3018	Professional Experience	10
COMP 3015	Operating Systems Programming	10
Select two electives		20
Credit Points		40
Total Credit Points		240

Mid-Year 2.5 Year Accelerated Pathway with Summer Session

Course	Title	Credit Points
Year 1		
Spring session		
COMP 2004	Computer Networking	10
INFS 2001	Database Design and Development	10
MATH 1030	Statistics for Business	10
Select one elective		10
Credit Points		40
Summer A session		
INFS 1006	Systems Analysis and Design	10
INFO 3003	Human-Computer Interaction	10
Credit Points		20
Autumn session		
COMP 1005	Programming Fundamentals	10
COMP 3007	Computer Networks and Internets	10
INFS 2006	Object Oriented Analysis	10
COMM 1026	Principles of Professional Communication 1	10
Credit Points		40

Year 2

Spring session

COMP 2015	Programming Techniques	10
COMP 3020	Social Web Analytics	10
Select two electives		20
Credit Points		40

Summer A session

COMP 2020	Technologies for Web Applications	10
Select one elective		10

Please note that the choice of elective subject in Summer A session may restrict the choice of major that can be completed.

Credit Points		20
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Autumn session

INFO 3008	Professional Development	10
COMP 3015	Operating Systems Programming	10
Select two electives		20
Credit Points		40

Year 3

Spring session

INFS 3017	Web Systems Development	10
COMP 3018	Professional Experience	10
Select two electives		20

Credit Points		40
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Total Credit Points		240
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Elective Majors and Minors

Please note: majors and minors are optional.

Majors

Campbelltown, Parramatta and Penrith Campuses

Cyber Security, Major (0066) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/cyber-security-major/>)

Entertainment Computing, Major (0145) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/entertainment-computing-major/>)

Health Informatics, Major (0037) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/health-informatics-major/>)

Mathematics, Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/mathematics-major/>)

Mobile Computing, Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/mobile-computing-major/>)

Networking, Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/networking-major/>)

Technology Entrepreneurship, Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/technology-entrepreneurship-major/>)

Sydney City Campus

Mobile Computing, Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/mobile-computing-major/>)

Networking, Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/networking-major/>)

Minors

Campbelltown, Parramatta and Penrith Campuses

Astroinformatics, Minor (0096) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/astroinformatics-minor/>)

Cloud Computing, Minor (0128) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/cloud-computing-minor/>)

Entertainment Computing, Minor (0145) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/entertainment-computing-minor/>)

Health Informatics, Minor (0037) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/health-informatics-minor/>)

IT Support, Minor (0205) (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/it-support-minor/>)

Mathematics, Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/mathematics-minor/>)

Mobile Computing, Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/mobile-computing-minor/>)

Networking, Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/networking-minor/>)

Social Media Analytics, Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/social-media-analytics-minor/>)

Systems Security, Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/systems-security-minor/>)

Web Application Development (for Computing Students), Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/web-application-development-for-computing-students-minor/>)

It is suggested that students in the Bachelor of Information and Communications Technology who wish to choose a major or minor should choose from the list of optional majors and minors above.

The following majors and minors are only available to undergraduate students enrolled in other Western Sydney University programs.

Information Technology

Web Systems Development

Mobile Application Development (for Non-computing Students only)

Web Application Development (for Non-Computing Students)

Major and Minor elective spaces

Elective subjects may be used toward obtaining an additional approved major (80 credit points) or minor (40 credit points). Western Sydney University offers majors and minors in a range of areas including Sustainability and Indigenous Studies.

Global Sustainability Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/global-sustainability-minor/>)

Indigenous Australian Studies Major (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/indigenous-australian-studies-major/>)

Indigenous Australian Studies Minor (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/indigenous-australian-studies-minor/>)

Western Sydney University also offers the following innovative transdisciplinary minors which we encourage those students who have elective space to consider.

Equitable Technologies (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/equitable-technologies-minor/>)

Urban Evolution (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/urban-evolution-minor/>)

Migration and Global Change (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/migration-global-change-minor/>)

Personal Innovation (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/personal-innovation-minor/>)

Innovating, Creating and Problem Solving (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/innovating-creating-problem-solving-minor/>)

Eco-Socially Conscious Design and Manufacturing (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/eco-socially-conscious-design-manufacturing-minor/>)

Water for Life (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/water-life-minor/>)

Climate Justice (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/climate-justice-minor/>)

Global Workplaces (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/global-workplaces-minor/>)

Innovating For Humans (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/innovating-humans-minor/>)

Search for majors and minors (<https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/>)

Students can apply for an elective major or minor via MySR.

MyStudentRecords (MySR) (<https://student-selfservice.westernsydney.edu.au/StudentSelfService/ssb/studentCommonDashboard/>)

Replaced Majors and Minors

The majors and minors listed below count towards completion of this program for students who began studying these majors and minors prior to the years indicated below.

M3102 Cyber Security, Major (<http://handbook.westernsydney.edu.au/hbook/specialisation.aspx?unitset=M3102.1>), replaced by Cyber Security, Major in 2018 (listed above).

M3070 Networking, Major (<http://handbook.westernsydney.edu.au/hbook/specialisation.aspx?unitset=M3070.1>), replaced by Networking, Major in 2017 (listed above).

SM3055 Networking, Minor (<http://handbook.westernsydney.edu.au/hbook/specialisation.aspx?unitset=SM3055.1>), replaced by Networking, Minor in 2017 (listed above).

SM3089 Statistics, Minor (<http://handbook.westernsydney.edu.au/hbook/specialisation.aspx?unitset=SM3089.1>), discontinued from 2020