

GRADUATE CERTIFICATE IN INFORMATION AND COMMUNICATIONS TECHNOLOGY (3701)

Approved Abbreviation: GradCertICT

Western Sydney University Program Code: 3701

AQF Level: 8

CRICOS Code: 110876K

This program applies to students who commenced in 2017 or later.

Graduate Certificate in Information and Communications Technology (Grad Cert in ICT) is designed for students from both computing and non-computing backgrounds. This program empowers students from computing background to enhance and update their knowledge in core concepts related to Information and Communications Technology domain to further progress their careers. Students from non-computing backgrounds can develop knowledge and skills in core topics related to ICT creating a pathway to higher studies in ICT and/or commencing a career in ICT.

Study Mode

2017-2022 One year full-time or six months full time depending upon entry qualifications (see Pathways listed under Program Structure below) or the equivalent part-time.

From 2023 Six months full time or the equivalent part-time.

Program Advice

Program Advice (CDMS@westernsydney.edu.au)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

Location

| Campus | Attendance | Mode | Advice |
|-----------------------------------|------------|----------|-----------|
| Parramatta | Full Time | Internal | See above |
| Campus - Victoria Road | | | |
| Parramatta Campus - Victoria Road | Part Time | Internal | See above |

Admission 2017 - 2022

Minimum admission requirements to this program are:

A Bachelor qualification in any discipline

Or

A Diploma in ICT/Computing/IS fields and five years full-time equivalent work experience in Information and Communications Technologies which includes experience in applying skills in: programming; networking; database design and development; systems analysis and design; and project management.

This program has three Pathways (A, B and C) that vary in length and structure based on previous study and work experience.

Pathway A - One year

Students who have non-Computing, non-ICT or non-Information Systems with Bachelor qualifications are eligible to complete the one year Pathway below.

Pathway B - Six months

Students who have non-Computing, non-ICT or non-Information Systems with Honours or Masters qualifications are eligible to complete the six month Pathway below.

Pathway C - Six months

Students who have Computing, ICT or Information Systems with Bachelor OR with Honours or Masters qualifications are eligible to complete the six month Pathway below.

Additional Information

Applicants seeking admission on the basis of work experience must support their application with a Statement of Service for all work experience listed on the application.

Statement of Service form (https://www.westernsydney.edu.au/content/dam/digital/pdf/Statement_of_Service.PDF)

Admission 2023

Applicants must have successfully completed:

An undergraduate degree or higher in any discipline OR

A Diploma in any discipline, plus five (5) years' full-time equivalent professional work experience in Information and Communications Technologies which includes experience in: programming, networking, database design and development, systems analysis and design and project management OR

A Diploma in ICT/Computing/IS fields plus two (2) years full-time equivalent work experience in Information and Communications Technologies which includes experience in: programming, networking, database design and development, systems analysis and design, and project management.

Additional Information

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

<http://www.uac.edu.au/>
<https://westernsydney.uac.edu.au/ws/>

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

<http://www.uac.edu.au/>

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (<http://www.westernsydney.edu.au/international/>)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Program Structure

The program length and structure varies based on the student's previous study background and level, and work experience.

Pathway A Core subjects

| Subject | Title | Credit Points |
|-----------|--|---------------|
| COMP 7015 | Programming Proficiency | 10 |
| INFS 7007 | Systems Analysis and Database Management Systems | 10 |
| ENGR 7017 | Professional Practice and Communication | 10 |

And five subjects from Foundation Subject lists.

Pathway B Core subjects

| Subject | Title | Credit Points |
|-----------|--|---------------|
| COMP 7015 | Programming Proficiency | 10 |
| INFS 7007 | Systems Analysis and Database Management Systems | 10 |
| ENGR 7017 | Professional Practice and Communication | 10 |

And 1 subject from Foundation Subject lists.

Pathway C Core subjects

| Subject | Title | Credit Points |
|-----------|---|---------------|
| ENGR 7017 | Professional Practice and Communication | 10 |

And 3 subjects from Foundation Subject lists.

Foundation Subjects

Note: Subjects in this list may be included in the program structure as Core Subjects and cannot be selected as one of the list subjects.

| Subject | Title | Credit Points |
|-----------|--|---------------|
| INFO 7003 | Advanced Topics in User System Interaction | 10 |
| INFS 7004 | Content Management Systems and Web Analytics | 10 |
| INFO 7005 | IT Project Management | 10 |
| COMP 7013 | Network Technologies | 10 |
| ENGR 7017 | Professional Practice and Communication | 10 |
| COMP 7015 | Programming Proficiency | 10 |
| INFS 7008 | Systems and Network Security | 10 |
| NATS 7057 | Research Preparation in Post Graduate Studies | 10 |
| INFS 7007 | Systems Analysis and Database Management Systems | 10 |
| INFS 7009 | Web Technologies | 10 |

Equivalent Subjects

The subjects listed below count towards completion of the program for students who may have passed subjects in the list in 2020 or earlier.

ENGR 7018 - Research Preparation in Post Graduate Studies, replaced by NATS 7057 Research Preparation in Post Graduate Studies

Recommended Sequence

Students are categorised into three Pathways based on their previous study background and work experience as indicated below and program structure and length is set accordingly. See individual links for detailed program structure.

Pathway A - One Year

Students who have been admitted with non-Computing, non-ICT or non-Information Systems with Bachelor Qualifications are eligible to complete the one year Pathway below.

Students must complete 80 credit points as follows.

Full-time start-year intake

| Course | Title | Credit Points |
|---|--|----------------------------|
| Year 1 | | |
| Autumn session | | |
| ENGR 7017 | Professional Practice and Communication | 10 |
| COMP 7015 | Programming Proficiency | 10 |
| INFS 7007 | Systems Analysis and Database Management Systems | 10 |
| Select one subject from Foundation Subject list | | 10 |
| | | Credit Points |
| | | 40 |
| Spring session | | |
| Select four subjects from Foundation Subject list | | 40 |
| | | Credit Points |
| | | 40 |
| | | Total Credit Points |
| | | 80 |

Full-time mid-year intake

| Course | Title | Credit Points |
|---|--|----------------------------|
| Year 1 | | |
| Spring session | | |
| ENGR 7017 | Professional Practice and Communication | 10 |
| COMP 7015 | Programming Proficiency | 10 |
| INFS 7007 | Systems Analysis and Database Management Systems | 10 |
| Select one subject from Foundation subject list | | 10 |
| | | Credit Points |
| | | 40 |
| Autumn session | | |
| Select four subjects from Foundation Subject list | | 40 |
| | | Credit Points |
| | | 40 |
| | | Total Credit Points |
| | | 80 |

Pathway B - Six months

Students who have been admitted with non-Computing, non-ICT or non-Information Systems with Bachelor Honours or Masters Qualifications are eligible to complete the six month Pathway below.

Students must complete 40 credit points as follows.

Full-time start-year intake

| Course | Title | Credit Points | Subject | Title | Credit Points |
|---|--|---------------|-----------|--|---------------|
| Year 1 | | | ENGR 7017 | Professional Practice and Communication | 10 |
| Autumn session | | | COMP 7015 | Programming Proficiency | 10 |
| ENGR 7017 | Professional Practice and Communication | 10 | INFS 7007 | Systems Analysis and Database Management Systems | 10 |
| COMP 7015 | Programming Proficiency | 10 | COMP 7013 | Network Technologies | 10 |
| INFS 7007 | Systems Analysis and Database Management Systems | 10 | | Total Credit Points | 40 |
| Select one subject from Foundation Subject list | | 10 | | | |
| | Credit Points | 40 | | | |
| | Total Credit Points | 40 | | | |

Full-time mid-year intake

| Course | Title | Credit Points |
|---|--|---------------|
| Year 1 | | |
| Spring session | | |
| ENGR 7017 | Professional Practice and Communication | 10 |
| COMP 7015 | Programming Proficiency | 10 |
| INFS 7007 | Systems Analysis and Database Management Systems | 10 |
| Select one subject from Foundation Subject list | | 10 |
| | Credit Points | 40 |
| | Total Credit Points | 40 |

Pathway C - Six months

Students who have been admitted with Computing, ICT or Information Systems with Bachelor or Bachelor Honours or Masters Qualifications are eligible to complete the six month Pathway below.

Students must complete 40 credit points as follows.

Full-time start-year intake

| Course | Title | Credit Points |
|--|---|---------------|
| Year 1 | | |
| Autumn session | | |
| ENGR 7017 | Professional Practice and Communication | 10 |
| Select three subjects from the Foundation Subject list | | 30 |
| | Credit Points | 40 |
| | Total Credit Points | 40 |

Full-time mid-year intake

| Course | Title | Credit Points |
|--|---|---------------|
| Year 1 | | |
| Spring session | | |
| ENGR 7017 | Professional Practice and Communication | 10 |
| Select three subjects from the Foundation Subject list | | 30 |
| | Credit Points | 40 |
| | Total Credit Points | 40 |

Qualification for this award requires the successful completion of 40 credit points