



University of
South Australia

Experience. The Difference.

Master of Science (Information Assurance)

- + Master of Science (Information Assurance) (LMIA)
- + Graduate Diploma in Science (Information Assurance) (LGIA)
- + Graduate Certificate in Science (Information Assurance) (LCIA)
- + Graduate Certificate in Science (Forensic Computing) (LCFC)



Program information

Program Codes:

LMIA (Master)
LGIA (Graduate Diploma)
LCIA (Graduate Certificate)
LCFC (Graduate Certificate)
Program Level: Postgraduate
Program Content: 54 units
Home Campus: Mawson Lakes
Program Length: 1.5 years
Intake: Study Period 2 + 5
Part time or full time options
available for domestic students.

For more information on the suite
of Science (Information Assurance)
programs at UniSA please visit: www.unisanet.unisa.edu.au/programs

Entry requirements

Applicants are required to have a
completed undergraduate degree
from a recognised University in
science, engineering or technology
with an average of at least credit
(65%);

Or a completed Graduate Diploma
in Science (Information Assurance),
with an average of at least credit
(65%) or equivalent.

Study options

This program is offered internally and
externally (online). For international
students the external study option
can only be undertaken from within
your home country.

Program overview

The term Information Assurance has emerged
as the need to protect information during
transit, processing, or storage within complex
and/or widely dispersed computers and
communication system networks has become
apparent.

In this program you will undertake an
integrated research project. In some cases
this project might focus on a real issue within
your employment.

Information Assurance is offered in the
form of a nested suite of three programs
at postgraduate level (Graduate Certificate,
Graduate Diploma and Master Degree). Each
qualification extends into the next, so you can
easily progress from a Graduate Certificate to
a Master Degree level.

Where you choose to start will depend on
your career needs, your previous level of
academic qualification, and your previous
professional experience. The suite of programs
offers flexibility in the progression and
advancement of qualifications as well as in
the mode of delivery.

This program is offered in a traditional mode
of study over 13 weeks (2 hour seminars
per week in SP2 and SP5) and as an intensive
block mode (5 days of 4x2 hour sessions over
1 week in SP2 and SP5 with ongoing web
mediated support).

Careers and industry

With the exponential growth in electronic
evidence, law enforcement agencies have
had to limit the number of cases forensic
computing experts can take on, due to a
shortage of qualified staff.

Graduates will have the skills to enter
professions which may be found in law
enforcement, federal and state government
departments, defence, large

accounting companies and banks. Some
employment is available in small and medium
enterprises but this is less common with the
move towards IT outsourcing in general,
security and forensic in particular.

Graduates can be found working as:
information assurance professionals,
information security professionals, electronic
evidence (EE) specialists, forensic IT specialists,
forensic computing (FC) investigators, IT risk
advisors and critical infrastructure protection
(CIP) specialists.

Professional recognition

This program is supported nationally by all
state law enforcement agencies, the private
sector in Adelaide and nationally, Australian
federal police and ISC2, an international
not-for-profit Information systems security and
software lifecycle security certification body.

Students studying the Information Assurance
programs will develop relevant skills that will
prepare them for the following professional
certifications:

- Certified Information Systems Security
Professional (CISSP) and
- Certified Security Software Lifecycle
Professional (CSSLP)



Information for domestic students

Fees: This program is Commonwealth Supported. Fees for Commonwealth Supported Students are calculated at the course level.

How to apply

Applications to this program are online via SATAC's Gradstart portal

For further information about UniSA's Science programs please contact:
(08) 8302 2376 or 1300 UNINOW
Web: www.unisa.edu.au/future/
Email: study@unisa.edu.au

Information for international students

Fees: \$AU 23,500 per 1.0 EFTSL for students commencing in 2011.
Fees are calculated on a per Unit basis with 1.0 EFTSL = 36 Units.
Fees for International students are determined one year in advance and are subject to variation.

English language requirements

International English Language Testing System (IELTS Academic): Minimum score of 6.0 in Reading and Writing subscores and minimum overall score of 6.5 obtained within the last two years; or corresponding results from an equivalent test such as TOEFL; or the appropriate Academic English language level delivered at CELUSA; or successful completion of a tertiary qualification at graduate diploma level or above completed in Australia within the last two years; or successful completion of at least two years of tertiary study at diploma level or above, conducted and completed in English within the last five years in a country in which English is commonly used, as determined by the University. Where the study in English was more than five years ago, this requirement may be satisfied by subsequent and recent work experience of at least two years duration in a setting where English is the language of business, subject to satisfactory evidence as determined by the University.

How to apply

Applications to this program are via UniSA's Apply Online portal

For further information about UniSA's science programs please contact:
Telephone: +61 3 96274854
Freecall:
Australia: 1800 1818 58
China (Northern): 10 800 61 00 245
China (Southern): 10 800 261 0245
Indonesia: 001 803 61 269
Japan: 0053 161 0011
Taiwan: 00801 611 343
Web: www.unisa.edu.au/international/
Email: international.office@unisa.edu.au

CRICOS Provider Number 00121B

Information correct at time of printing (July 2010)

Why UniSA?

This program has been developed to meet the established Australian Law Enforcement demand for Master Degree level Information Assurance to establish expertise for the Australian courts. No other Master Degrees in Australia have been developed around these competencies. The suite of programs prepares students for the workplace by covering industry recommended competencies for Information Assurance, EE, FC and CIP professionals.

Program Director and Lecturer Dr Elena Sitnikova is one of the first CSSLP Evangelists in Australia. UniSA's Dean of Research, Professor of Forensic Computing and Research Leader of the Information Assurance Group, Professor Jill Slay is a member of the National Information Assurance Training and Certification (NIATEC) Centre which seeks to address the increasing vulnerability of cyber-based disruption and attacks by establishing a federal cyber-corps. Through collaborative links with NIATEC's Director Professor Corey Schou and the South Australian Police, this program has been developed to meet the needs of industry.

Courses are offered by academics who are active as researchers and practitioners in their field, and who are able to offer the resulting expertise as part of their teaching. The program is directly supported by the relevant UniSA research institutes. Strong links with industry and research organisations ensure that the degrees offered are highly relevant to industry employers at local, national and international level.

Master of Science (Information Assurance)

CRICOS codes: 069063D (Master Degree), 069064C (Graduate Diploma)
SATAC codes: 4CM090 (Master Degree), 4GD081 (Graduate Diploma), 4GC064 (Graduate Certificate LCIA), 4GC063 (Graduate Certificate LCFC)

Course List	Units	Master Degree	Graduate Diploma	Graduate Certificate LCIA	Graduate Certificate LCFC	Rules
Electronic Evidence 1 Forensic Computing	4.5	✓	✓	N/A	✓	<p>Master: The minor thesis may only be taken after all coursework courses have been completed.</p> <p>Graduate Diploma: Courses completed in the Graduate Diploma in Science (Information Assurance) will be counted towards the Master of Science (Information Assurance) program.</p> <p>Graduate Certificates: Only offered in part time mode. Only available to domestic students</p> <p>Note: Students should substitute Software Security Lifecycle with Research Methods if enrolling in Master Computing Minor Thesis 1 and Master Computing Minor Thesis 2 courses</p>
Electronic Evidence 2 Network and Internet Forensics	4.5	✓	✓	N/A	✓	
Intrusion Analysis and Response	4.5	✓	✓	✓	N/A	
Critical Infrastructure and Control System Security	4.5	✓	✓	✓	N/A	
Electronic Evidence Analysis and Presentation	4.5	✓	✓	N/A	✓	
Information Assurance and Security	4.5	✓	✓	✓	N/A	
e-Crime, e-Discovery and Forensic Readiness	4.5	✓	✓	N/A	✓	
Software Security Lifecycle (see note)	4.5	✓	✓	✓	N/A	
Research Methods (see note)	4.5	✓	N/A	N/A	N/A	
Masters Computing Minor Thesis 1	9	✓	N/A	N/A	N/A	
Masters Computing Minor Thesis 2	9	✓	N/A	N/A	N/A	