#1 IN SA FOR GRADUATE CAREERS


Thomas Lake, UniSA software engineering student.
A NEW REALITY AWAITS

Explore the infinite possibilities of information technology, mathematics and science, and their range of applications across different industries and careers. Build practical and theoretical knowledge across diverse fields like data science, networking and cybersecurity, mixed reality, software development, industrial mathematics, defence, artificial intelligence, games, science, environmental science and sustainability. Shape the answers to the questions of tomorrow by partnering with industry on real-world projects and create a better world through new discoveries. Take advantage of cutting-edge facilities fitted with the latest technologies and software.

go.unisa.edu.au/study

BE IN HIGH DEMAND

Information technology is a part of everyday life, and its continuous evolution means that people with IT skills are in constant demand. Technology is the driving force behind activities like internet banking, online shopping, networking, cybersecurity, mobile gaming and more. If you have an interest in digital technology and enjoy solving problems, you’re the perfect fit for a career in IT.

DO THE MATHS

Maths is everywhere. Algorithms are powering things like industrial data analytics used by large corporations – such as Amazon – and are used to encode the images you see on platforms like Instagram. Explore this fascinating world by taking part in our one-year Maths Clinic during your maths degree, where you will apply specialist knowledge to an industry problem.

NEW REALITIES

Did you know that you can explore the emerging field of augmented reality through your IT degree at UniSA? This developing technology is growing in popularity, particularly in gaming and entertainment – from using your phone to hunt cartoon characters to adding a filter to your selfie. Work on real-world projects and access one of the largest augmented reality research and development facilities in the Southern Hemisphere – the Australian Research Centre for Interactive and Virtual Environments (IVE).

SECURE YOUR FUTURE

UniSA has partnered with Optus to establish a Cyber Security Research and Collaboration Hub at Lot Fourteen. It’s all about driving new innovations in technology and providing the best education for Australia’s next cybersecurity and data science professionals – and you can be part of it. Our digital interactions generate a digital footprint, providing insight into our online behaviours, preferences and trends. Cybersecurity and data science professionals are needed to help analyse digital trends and protect infrastructure in the current climate of escalating cyber attacks.

“I am excited by the opportunities presented by the emerging field of cybersecurity and data science. This is an area where the demand for skilled professionals is growing rapidly, and I am looking forward to being part of the team that is helping to shape the future of this industry.”

Stuart Swan | Practice Manager | DXC Technology
TEST WHAT’S POSSIBLE

Get real industry experience that will prepare you for your future career in STEM. Complete laboratory and field work throughout our science and environmental degrees or collaborate with local and international companies to solve real-world challenges in IT or mathematics. You will also have access to our recently constructed Industry 4.0 Testlab facilities on campus which supports new innovations in the rapidly growing defence and space industries.

LEARN WITH SMART TECHNOLOGY

Study environmental science and access specialised tools to help unlock nature’s secrets with Project LIVE, an immersive virtual learning environment located on campus. This unique space features cutting-edge 360° video, interactive 3D models and virtual reality simulations. From drone imagery of erosion patterns along the South Australian coastline to satellite monitoring of ice sheet stability in Antarctica, Project LIVE provides a hands-on experience of digital imaging, mapping and spatial analysis.

A SUCCESSFUL START

Accelerate your ideas and launch a startup business with in-house support from UniSA’s Innovation & Collaboration Centre (ICC). The ICC delivers a program called Venture Catalyst, helping budding entrepreneurs turn their business ideas from concept to reality. The tailored program offers workshops, mentoring, free office space and potential funding. You will also be able to connect to industry experts and gain their insights as you take your idea from generation through to growth and expansion.

icc.unisa.edu.au

#1 IN SA FOR STUDENT SATISFACTION IN MATHS AND SCIENCE

ComparEQ (QILT) Course Experience Questionnaire 2019-20 – Overall Satisfaction Indicator (undergraduate). Public SA-founded universities only.

HIDDEN TREASURES

Explore one of the best-known geological heritage sites in the world through a gamified VR experience — Beyond the Ice. Developed by UniSA in partnership with Framework VR and AusIMM, it challenges users to identify fossils, measure glacial grooves and draw outlines of rock folds that shape the landscape.

Using 17 key geological sites captured through 360-degree panoramas, drone 3D models and walk-through footage, users are immersed in the interactive quest to reveal ancient and hidden stories of a fossilised landscape.

Students at UniSA are able to learn through immersive virtual environments by transforming traditional classroom activities into interactive study. In science, field work is crucial to learning and VR allows students to extend their skills across more locations than what may be otherwise possible.

LEADING IN RENEWABLES

Mawson Lakes Campus is home to our science degrees and is also the perfect backdrop to showcase our steps to a greener future. It boasts its own solar power research field and has over 5,300 solar panels, generating approximately 2,500 megawatt-hours of electricity and reducing around 1275 tonnes of carbon dioxide emissions every year.

#1 IN SA FOR GRADUATE CAREERS IN MATHS AND SCIENCE

ComparEQ (QILT) Graduate Outcomes Survey 2018-20 – Full-time Employment Indicator (undergraduate). Public SA-founded universities only.

#1 IN SA FOR TEACHING QUALITY


“It’s a real positive that all students undertake field work and learn in a hands-on way. They learn by doing and are exposed to the natural environment in a range of different contexts. Students get to see science in action in the real world, visiting sites both locally and internationally.”

Associate Professor Tom Raimondo | Professorial Lead: Geology and Geochemistry
YOUR CAMPUS

YOUR HOME CAMPUS IS MAWSION LAKES

ON-CAMPUS PARKING AVAILABLE FOR LESS THAN $2 A DAY

VIRTUAL CAMPUS

We’re one of Australia’s largest online education providers, giving our students more choice when it comes to flexible learning. You can study fully online or through a blended mode. Our virtual campus is supported by custom online learning platforms using the latest industry software.

PROJECT LIVE / Learn through immersive virtual environments using the latest visualisation technologies that transform traditional classroom activities into interactive learning.

VR & AR TECHNOLOGY / Explore the world through a new reality with access to the latest augmented and virtual reality technologies during your studies.

SET YOUR SIGHTS HIGH / Did you know that our Mawson Lakes Campus is home to the Adelaide Planetarium? You can voyage through outer space and marvel at projections of the sun, moon, planets and more than 5,000 stars in a dome-shaped artificial night sky from the comfort of your own seat. It’s open to the public and is a great space for all astronomy buffs!

YOUR CAMPUS

#1 IN SA FOR CAMPUS FACILITIES


ON-CAMPUS PARKING AVAILABLE FOR LESS THAN $2 A DAY

TAKE A VIRTUAL CAMPUS TOUR @ unisa.edu.au/virtualcampustours

INDUSTRY 4.0 TESTLAB / A practical laboratory where new industry practices come to life, including additive, industrial-scale manufacturing, and virtual and augmented realities.

PROJECT LIVE / Learn through immersive virtual environments using the latest visualisation technologies that transform traditional classroom activities into interactive learning.

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YOUR CAMPUS

#1 IN SA FOR CAMPUS FACILITIES

GET CONNECTED
with Australia’s University of Enterprise

PRACTICAL LEARNING
We offer more than 200 world-class degrees across a wide range of study and career areas. You will learn in a highly practical environment with a focus on real-world applications. You can also take the opportunity to complete an internship or placement during your studies, learning from experts and building work-ready skills.

WORLD-CLASS FACILITIES
Study in modern, purpose-built facilities across all six UniSA campuses. Learn with the latest industry-standard tools and technologies that will take you from the classroom to the workplace. This includes state-of-the-art laboratories, community clinics, creative studios, collaborative learning areas and simulation spaces.

GLOBAL OPPORTUNITIES
Broaden your thinking and see the world through a range of global opportunities. Travel overseas through a student exchange, short-term program, internship, volunteering opportunity or study tour. Graduate with international experience and the skills to take on new challenges.

TOP RANKING TEACHERS
Make your study experience relevant by learning from highly qualified academics and industry professionals with curriculum informed by the latest insights and trends. In fact, we’re ranked number one in South Australia (QILT: Student Experience Survey) and amongst the best young universities in Australia (THE Young University Rankings) for teaching quality.

REAL RESEARCH
Our research is inspired by challenges. We produce new knowledge that provides real solutions for industry, businesses and the wider community. You will even explore new concepts and findings in your chosen degree, influenced by our world-class research outcomes.

POWERFUL PARTNERSHIPS
We collaborate with more than 2,500 companies worldwide to bring our students placement, project, research and work opportunities. Connect with industry during your studies and build your professional networks before you graduate.

LEARN A LANGUAGE
Develop the skills you need to work internationally by studying a second language. Learn French, Italian, Japanese or English (for speakers of English as a second language) through a Diploma in Languages. Access the Multimedia Languages Lab at Magill Campus and connect with native speakers from around the world in real-time.

EXPERIENCE STUDENT LIFE
Enjoy life beyond the classroom by getting involved in campus culture. Connect with new people at Orientation, keep active with UniSA Sport and on-campus fitness facilities, or find your tribe with more than 100 student clubs to choose from. Discover our wide range of events throughout the year and connect with USASA – your student association.

GET CAREER READY
Prepare for your future career from first year with support from our Career Services team. Access our online Career Hub for self-help resources, including tips on resume writing and an interview simulator. There are also professional and exclusive job listings. Connect with a career adviser for help with career mapping, attend industry events to build your professional networks, or walk into one of our drop-in centres on campus for general advice.

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COLLABORATING
WITH 2,500+ COMPANIES WORLDWIDE
MAP YOUR IT CAREER

We offer a wide range of IT degrees and specialisations, so you can choose a study path that will help you get the career you want.

I WANT TO...

I want to protect people and organisations.
Bachelor of Information Technology (Networking and Cybersecurity)
Career outcomes: Cybersecurity analyst, policy adviser, intelligence officer, network engineer

I want to design and build software systems for defence or enterprise.
Bachelor of Software Engineering (Honours)
Career outcomes: Software engineer, programmer, software architect, IT project lead, agile developer

I want to create mobile apps to improve interactions with people, technology and organisations.
Bachelor of Information Technology (Mobile Application Development)
Career outcomes: Mobile app developer, software applications programmer, iOS/Android developer, mobile games developer

I want to write games and design multimedia solutions.
Bachelor of Information Technology (Games and Entertainment Design)
Career outcomes: Games designer, multimedia specialist, game programmer, simulation designer

I want to use my maths skills to solve problems and inform decision making.
Bachelor of Mathematics (Data Science)
Career outcomes: Data scientist, data analyst, big data engineer, business intelligence analyst

I want to work for a big tech company driving large-scale software development.
Bachelor of Software Engineering (Honours)
Career outcomes: Software engineer, software architect, IT project lead, agile developer

I want to use IT to solve business problems.
Bachelor of Information Technology
Career outcomes: Business analyst, IT manager, system administrator

I want to be a programmer developing front-end web designs and optimising user experiences.
Bachelor of Information Technology (Software Development)
Career outcomes: Software developer, web developer, agile developer, front/back-end developer, full stack developer

I want to oversee critical network technologies from design through to deployment and protection.
Bachelor of Information Technology (Networking and Cybersecurity)
Career outcomes: Network engineer, network administrator, system administrator, virtualisation engineer

I want to explore IT and tailor my degree to my interests.
Bachelor of Information Technology
Career outcomes: Business analyst, IT solution specialist, user interface designer, social media consultant, asset creator

Choose a minor such as: Innovation and Entrepreneurship, Marketing, Accounting, Management, International Business, 3D Animation, Visual Effects

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REAL-WORLD EXPERIENCE

We want you to be workplace ready, so through a Bachelor of Information Technology at UniSA, second year students may be offered a paid six-month internship with DXC Technology in Adelaide – one of the largest technology companies in the world. You will be mentored by industry experts, work on large IT projects and use this as part of your assessment for your final semester course.

ICT PROJECT

IT students can put their skills into practice through our ICT Capstone Project. Typically completed in final year, you will work with an industry partner or client on a real-world challenge. This could include the application of new technologies, developing proof of concept solutions and analysing current business processes and areas for improvement. There are also dedicated learning hubs on campus where you can connect and collaborate, giving you the full workplace and project experience.

UNISA MATHS CLINIC

This is the only program of its kind in Australia and is open to final year maths, statistics and IT students. You will be tasked with a project that requires mathematical solutions to achieve success. The project will simulate a real workplace experience with key deliverables, deadlines and specifications, so that you can develop your technical knowledge as well as teamwork, networking, project management and leadership skills.
STUDY 100% ONLINE
Study On Demand

Do you want the ultimate flexibility? Then explore our range of 100% online degrees delivered through UniSA Online. You can study any time and on any device.

- Associate Degree in Engineering
- Bachelor of Business (Financial Planning)
- Bachelor of Business (Human Resource Management)
- Bachelor of Business (Management)
- Bachelor of Business (Marketing)
- Bachelor of Commerce (Accounting)
- Bachelor of Communication
- Bachelor of Community Health
- Bachelor of Construction Management
- Bachelor of Construction Management (Honours)
- Bachelor of Criminal Justice
- Bachelor of Data Analytics
- Bachelor of Digital Media
- Bachelor of Information Technology
- Bachelor of Health Science (Nutrition and Exercise)
- Bachelor of Marketing and Communication
- Bachelor of Psychological Science and Sociology
- Bachelor of Psychology
- Bachelor of Public Health

Degrees specifically designed for online learning

All assessments are 100% online

Four start dates per year (Jan, Apr, Jun, Sep)

Learn in 10-week blocks

24/7 access to learning resources

Flexible around your life

Credit for previous study and relevant work experience

Scholarships and grants available

SUPPORT SERVICES
UniSA Online provides personalised support services over extended hours – including on weekends – so you can get help when you need it. Whether it’s for assignments, referencing, administrative or technical supports, you’ll have access to a team ready to assist you every step of the way.

- Access online academic support seven days a week
- Connect with a dedicated student adviser
- Access tech support 24/7

Learn more unisaonline.edu.au

DID YOU KNOW?
As a UniSA Online student you still have full access to the facilities, resources, events and support services available across all of our campuses.

UPSKILL WITH A SINGLE COURSE IN 10 WEEKS
You can study a single course 100% online over 10 weeks to upskill in an area that interests you most or to gain new knowledge that employers are looking for. Explore areas like accounting, marketing, data analytics, psychology and digital design. You can even get study credit that you can put towards a full degree.
UNDERGRADUATE DEGREES

Your tertiary learning and career starts with undergraduate study.

Explore our 200+ world-class degrees
unisa.edu.au/study

Learn more about how to apply
unisa.edu.au/apply

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Published Selection Rank scores are indicative of February 2021 cut-offs. Guaranteed Entry for Year 12 Subject Grades are reflective of the top 3, 20-credit Stage 2 Tertiary Admission Subjects (TAS). Students also need to achieve a minimum ATAR of 50 and meet any prerequisites or other eligibility criteria.

YOUR FUTURE IN IT

Did you know that UniSA offers a broad IT degree, as well as a range of IT degrees each with a unique specialisation? You can choose to explore the wider world of IT and tailor your studies through your course selections or focus on specialisation areas like:

- Games and Entertainment Design
- Mobile Application Development
- Networking and Cybersecurity
- Software Development

At UniSA, your options in IT are limitless.

Bachelor of Information Technology

unisa.edu.au/IT

YOU MIGHT ALSO LIKE
- Bachelor of Information Technology – various specialisations
- Bachelor of Business (Information Strategy and Management)
- Bachelor of Design (Illustration and Animation) (Game Art)
- Bachelor of Software Engineering (Honours)

FURTHER STUDY
- Bachelor of Information Technology (Honours) – one year
- Master of Information Technology (Enterprise Management)
- Master of Cybersecurity
- Master of Data Science

DEGREE STRUCTURE

Information Technology Fundamentals
Problem Solving and Programming
Network Fundamentals
Design Thinking Studio
Object-Oriented Programming
Data Driven Web Technologies
System Requirements and User Experience
System Requirements Studio
Software Design and Implementation
System Design Studio
Elective
Project Studio
ICT Capstone Project

Students may be required to undertake a combination of on-campus or online study. Students may be required to attend on-campus lectures, tutorials and practicals.

To explore all cross-disciplinary minors, visit unisa.edu.au/msm

LOOKING FOR ALTERNATIVE ENTRY?

Preference a packaged Diploma in Information Technology/Bachelor of Information Technology
unisa.edu.au/college
SATAC code: 426061

GUARANTEED ENTRY CALULATOR

Go online and explore the degrees you may be eligible for using your Selection Rank or Year 12 subject grades
unisa.edu.au/guaranteed

SATAC code: 434041
Program code: LBCP

Year 12 Selection Rank
Year 12 Grades
TAFE/RTO:

guaranteed
guaranteed
guaranteed
Dip

cut-off 2021
60.75

cut-off 2021
66.00

GUARANTEED ENTRY CALCULATOR

Go online and explore the degrees you may be eligible for using your Selection Rank or Year 12 subject grades
unisa.edu.au/guaranteed

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Go online and explore the degrees you may be eligible for using your Selection Rank or Year 12 subject grades
unisa.edu.au/guaranteed
Bachelor of Information Technology (Games and Entertainment Design)
unisa.edu.au/IT
Hawson Lakes Campus
On-campus/online
Intakes: Feb and Jul
5 years full-time
Real-world projects

Bachelor of Information Technology (Mobile Application Development)
unisa.edu.au/IT
Hawson Lakes Campus
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Bachelor of Information Technology (Networking and Cybersecurity)
unisa.edu.au/IT
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Real-world projects

Bachelor of Information Technology (Software Development)
unisa.edu.au/IT
Hawson Lakes Campus
On-campus/online
Intakes: Feb and Jul
5 years full-time
Real-world projects

16

17
Both of my parents work in IT and I’ve always been curious about what they do. I decided to study IT electives in high school and then began to develop a specific interest in software engineering. During my time at university, I was lucky enough to get a fully sponsored overseas internship working in Vietnam for three weeks, where I was able to get real hands-on industry experience. Swetha Krishnagopal

Software engineering student
# Bachelor of Information Technology

unisaonline.edu.au/IT

<table>
<thead>
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<td>Intakes:</td>
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<table>
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<td>Information Technology Fundamentals</td>
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<td>ITSM1101</td>
<td>Design Thinking and Digital Innovation</td>
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<tr>
<td>ITSM1200</td>
<td>Problem Solving and Programming</td>
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<td>ITSM1300</td>
<td>Data-Driven Web Technologies</td>
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<tr>
<td>ITSM1400</td>
<td>Object-Oriented Programming</td>
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<tr>
<td>ITSM1500</td>
<td>System Design and Testing</td>
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<tr>
<td>ITSM1600</td>
<td>Business Intelligence</td>
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<td>ITSM1700</td>
<td>Information Systems</td>
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<tr>
<td>ITSM1800</td>
<td>Network Fundamentals</td>
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<tr>
<td>ITSM2100</td>
<td>Professional Practice in Information Technology</td>
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<tr>
<td>ITSM2200</td>
<td>Information Technology Fundamentals</td>
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<tr>
<td>ITSM2300</td>
<td>Game Development and Governance</td>
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<tr>
<td>ITSM2400</td>
<td>Cloud Platforms</td>
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<tr>
<td>ITSM2500</td>
<td>Applied Data Science Fundamentals</td>
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<tr>
<td>ITSM2600</td>
<td>Advanced Topics in Data Analytics</td>
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</table>

## HOW TO APPLY

1. Check your eligibility at unisaonline.edu.au/eligibility
2. Gather your relevant documents
3. Complete your application and send through your documents

**ENQUIRY**

For further information, contact us on 1800 531 962 or email info@unisa.edu.au

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# Bachelor of Data Analytics

unisaonline.edu.au/data-analytics

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<td>Start date:</td>
<td>Fall and Spring</td>
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# Bachelor of Mathematics (Data Science)

unisa.edu.au/mathematics

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<tr>
<td>2201</td>
<td>Bachelor of Information Technology</td>
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## HOW TO APPLY

1. Check your eligibility at unisa.edu.au/eligibility
2. Gather your relevant documents
3. Complete your application and send through your documents

**ENQUIRY**

For further information, contact us on 1800 531 962 or email info@unisa.edu.au

---

**YOU MIGHT ALSO LIKE**

- Bachelor of Mathematics (Industrial and Applied Mathematics)
- Bachelor of Information Technology
- Bachelor of Software Engineering (Honours)

## FURTHER STUDY

- Bachelor of Applied Science (Honours) (Industrial and Applied Mathematics) – one year
- Master of Data Science
- Master of Teaching (Secondary)

---

**package this program**

Package this program with the Master of Teaching (Secondary) to become a maths teacher.

unisa.edu.au/become-a-teacher

SATAC code: 434221

**Information Technology Fundamentals**

- Design Thinking and Digital Innovation
- Problem Solving and Programming
- Data-Driven Web Technologies
- Object-Oriented Programming
- System Design and Testing
- Business Intelligence
- Information Systems
- Network Fundamentals

**Problem Solving and Programming**

- Data-Driven Web Technologies
- Object-Oriented Programming
- System Design and Testing

**Data-Driven Web Technologies**

- Database for the Enterprise
- System Design and Realisation
- System Requirement Practice
- Experience

**Object-Oriented Programming**

- Data Driven Web Technologies
- Online Learning

**System Design and Testing**

- Enterprise Systems
- Experience
- Agile Development and Governance
- Cloud Platforms

**Business Intelligence**

- Data Analysis and Data Cleaning
- Data Analytics Software and Tools

**Information Systems**

- Information Technology Fundamentals
- Information Systems

**Network Fundamentals**

- Information Technology Fundamentals
- Network Fundamentals

**Professional Practice in Decision Making**

- Professional Practice in Decision Making
- Business Intelligence
- Information Systems

**Mathematical Modelling**

- Calculus 1
- Calculus 2
- Calculus 3

**Big Data in the Cloud**

- Big Data in the Cloud
- Cloud Platforms

**Data Analytics**

- Data Analytics using R
- Data Analysis and Data Cleaning
- Data Analytics Software and Tools

**Mathematics**

- Mathematics Clinic 1 OR Elective
- Mathematics Clinic 2 OR Elective
- Mathematics Clinic 3 OR Elective
- Mathematics Clinic 4 OR Elective

**Information Technology Fundamentals**

- Information Technology Fundamentals
- Information Systems

**Information Systems**

- Information Technology Fundamentals
- Information Systems

**System Design and Testing**

- System Design and Testing
- Business Intelligence
- Information Systems

**Data-Driven Web Technologies**

- Database for the Enterprise
- System Design and Realisation
- System Requirement Practice

**Object-Oriented Programming**

- Data Driven Web Technologies
- Online Learning

**System Design and Testing**

- Enterprise Systems
- Experience
- Agile Development and Governance
- Cloud Platforms

**Business Intelligence**

- Data Analysis and Data Cleaning
- Data Analytics Software and Tools

**Information Systems**

- Information Technology Fundamentals
- Information Systems

**Network Fundamentals**

- Information Technology Fundamentals
- Network Fundamentals

**Professional Practice in Decision Making**

- Professional Practice in Decision Making
- Business Intelligence
- Information Systems

**Mathematical Modelling**

- Calculus 1
- Calculus 2
- Calculus 3

**Big Data in the Cloud**

- Big Data in the Cloud
- Cloud Platforms

**Data Analytics**

- Data Analytics using R
- Data Analysis and Data Cleaning
- Data Analytics Software and Tools

**Mathematics**

- Mathematics Clinic 1 OR Elective
- Mathematics Clinic 2 OR Elective
- Mathematics Clinic 3 OR Elective
- Mathematics Clinic 4 OR Elective

---

"If you like maths and IT then a degree in data science is for you. I've really enjoyed expanding my knowledge in areas like coding and programming, an move with lots of companies looking to extract more detailed insights, from their data."

Alexandra Reade
Data science student
Bachelor of Mathematics (Industrial and Applied Mathematics)

YOU MIGHT ALSO LIKE
- Bachelor of Mathematics (Data Science)
- Bachelor of Engineering (Honours) (Flexible Entry)
- Bachelor of Science
- Bachelor of Secondary Education (Honours)

FURTHER STUDY
- Bachelor of Applied Science (Honours) (Industrial and Applied Mathematics) – one year
- Master of Data Science
- Master of Teaching (Secondary)

DEGREE STRUCTURE

YOU MIGHT ALSO LIKE
- Bachelor of Mathematics (Data Science)
- Bachelor of Engineering (Honours) (Flexible Entry)
- Bachelor of Science
- Bachelor of Secondary Education (Honours)

FURTHER STUDY
- Bachelor of Applied Science (Honours) (Industrial and Applied Mathematics) – one year
- Master of Data Science
- Master of Teaching (Secondary)

DEGREE STRUCTURE

Bachelor of Science

DEGREE STRUCTURE
Bachelor of Environmental Science

unisa.edu.au/enviro

Hawson Lakes Campus
On-campus
Intakes: Feb and Jul
5 years full-time
Real-world projects

SATAC code: 434621
Program code: LIBT

Year 12 Selection Rank: Year 12 Grades: TAFE/RTO:
Guaranteed

44.00

guaranteed

B, B, C

guaranteed

Dip

Cut-off 2021: 61.50

You might also like
- Bachelor of Science
- Bachelor of Health Science (Public Health)
- Bachelor of Engineering (Honours) (Surveying)
- Bachelor of Secondary Education (Honours)

Further study
- Bachelor of Science (Honours) – one year
- Master of Environmental Science
- Master of Surveying
- Master of Teaching (Secondary)

Degree structure

You could study:
- Environmental science for the Environmental Earth Systems Environment, a Human Perspective Introduction to Surveying and Spatial Sciences Environmental Analytical Methods Spatial Data Acquisition and Analysis Environmental Chemistry Sustainable Ecosystems Environmental Science for the Environment
- Environmental, Environment, Resource Management and Community Engagement Engineering and Environmental Geoscience, Ecology
- Environmental and Science for the Environment, Resource Management and Community Engagement Engineering and Environmental Geoscience
- Environmental and Geoscience for the Environment, Resource Management and Community Engagement

You might also like
- Environmental Leadership
- Bachelor of Outdoor and Environmental Leadership

Bachelor of Outdoor and Environmental Leadership

unisa.edu.au/enviro

City East Campus
On-campus
Intakes: Feb
5 years full-time
Placement

SATAC code: 446603
Program code: IBOE

Year 12 Selection Rank: Year 12 Grades: TAFE/RTO:
Guaranteed

70.00

guaranteed

B, B, B

guaranteed

Dip

Cut-off 2021: 72.10

You might also like
- Bachelor of Science
- Bachelor of Environmental Science
- Bachelor of Health Science (Public Health)

Further study
- Bachelor of Science (Honours) – one year
- Master of Environmental Science
- Master of Teaching (Secondary)
- Master of Health Services Management
- Master of Research (Health Sciences)

Degree structure

You could study:
- Environmental quality and earth sciences major
- Environmental Policy and Regulations
- Soil in the Australian Landscape

You might also like
- Environmental Leadership
- Bachelor of Applied Science (Honours)

Bachelor of Applied Science (Honours)

Industrial and Applied Mathematics

unisa.edu.au/mathematics

Hawson Lakes Campus
On-campus/online
Intakes: Feb and Jul
1 year full-time
Research project

SATAC code: 488005
Program code: LHMS

Year 12 Selection Rank: Year 12 Grades: TAFE/RTO:
Guaranteed

n/a

Guaranteed

n/a

Guaranteed

n/a

Cut-off 2021: n/a

You might also like
- Business intelligence analyst
- Defence analyst
- Researcher
- Environmental modeller
- Mathematical analyst
- Mathematical modeler
- Mathematician
- Data scientist
- Business intelligence analyst
- Data analyst

Entry requirements
- A bachelor degree in mathematics, or an equivalent qualification from a recognised higher education institution, with satisfactory performance

Further study
- Master of Data Science
- Masters by Research
- Doctor of Philosophy (PhD)

Degree structure

You could study:
- Honours Topics in Mathematics and Statistics
- Research Methods
- Honours Mathematics and Statistics Project 1
- Elective 1
- Elective 2
- Honours Mathematics and Statistics Project 2

Guidelines may be required in undertaking a combination of 4 year or online study. Guidelines may be required in undertaking a diploma and associate and undergraduate.

"Going on holidays to the Flinders Ranges and doing lots of sightseeing across Australia and New Zealand really got me interested in studying environmental science. I’ve enjoyed learning about ecology, geology and soils, looking at things like species identification, rock characteristics and different soil types."

Joel Schiller
Environmental science student
Take your career to the next level and develop your knowledge further through postgraduate study.

You can also make a positive and lasting contribution to your field through a research degree.

Explore our full range of postgraduate degrees

unisa.edu.au/study

Learn more about our research degrees

unisa.edu.au/researchdegrees

CONTENTS

POSTGRADUATE
Cybersecurity

Data Science

Information Technology

Information Management

Environmental Science

RESEARCH

Masters by Research

Doctor of Philosophy (PhD)

DEGREE STRUCTURE

Research Theory and Practice

Advanced Topics in Information Security

Advanced Topics in Cyber Security

Advanced Topics in Computer Networks

Advanced Topics in Cybersecurity

Network Security

Operating Systems and Application Security

Data Security and Privacy

Industrial Internet Security

Cybersecurity Risk and Compliance

Security Architecture

Exploitation Professional Project

POSTGRADUATE AND RESEARCH DEGREES

Bachelor of Science (Honours)

unisa.edu.au/science

Hawson Lakes Campus

On-campus

1 year full-time

Research project

SAFAC code 4BH009

Program code LHSC

Year 1 Selection Rank: Year 12 Grades: TAFE/RTQ:

guaranteed

guaranteed

cut-off 2021

n/a

n/a

n/a

Prerequisites: none

Assumed Knowledge: none

Continued study through advanced coursework and research in a range of science disciplines through a one-year honours program. Explore areas such as nanomaterials and biomaterials, chemistry, applied physics, materials science, agricultural and food science, environmental science, Earth science and ecology. Study courses in research methods, principles and ethics to prepare you for a major research project, which includes laboratory work and data collection and analysis. Develop an honours thesis and present your findings to academics, peers and relevant industry and government stakeholders. Access the multi-million dollar Materials and Minerals Science Learning and Research Hub on-campus and work alongside research and industry experts at our Future Industries Institute. Graduate with a competitive advantage and a qualification that will broaden your career opportunities or prepare you for postgraduate study and research.

CAREERS

This program can lead to a variety of careers in the following areas:

Product development • manufacturing • clinical trials • technology advancement • environmental consulting • parks and recreation • minerals • agriculture

Entry requirements

This program is available to eligible who have successfully completed a bachelor degree in a relevant discipline and have demonstrated creative or academic achievement throughout their studies.

Eligible disciplines generally include science, technology, engineering or environmental studies, but applications with qualifications in other disciplines are encouraged to apply and will be assessed on a case-by-case basis.

FURTHER STUDY

• Master of Environmental Science

• Masters by Research

Doctor of Philosophy (PhD)

DEGREE STRUCTURE

Research Theory and Practice

Advanced Topics in Information Security

Advanced Topics in Cyber Security

Advanced Topics in Computer Networks

Advanced Topics in Cybersecurity

Network Security

Operating Systems and Application Security

Data Security and Privacy

Industrial Internet Security

Cybersecurity Risk and Compliance

Security Architecture

Exploitation Professional Project

Master of Cybersecurity

unisa.edu.au/IT

Hawson Lakes Campus

Intakes: Feb and Jul

On-campus

2 years full-time

Commonwealth supported*

SAFAC code 4CM107

Program code LMSC

Part-time study available *see page 12 for more information

Join a rapidly growing industry tasked with protecting critical IT infrastructure and information. Study technical topics such as network infrastructure, security operations, web and cloud security, and cybersecurity planning and compliance. Develop the leadership and negotiation skills needed to become a cybersecurity expert, and to manage cybersecurity projects and personnel. Explore cybersecurity defence strategies for complex environments, including penetration testing and presentation methods for communicating technical topics to broader audiences. Learn how to apply technical skills to organisational contexts with a focus on risk management and incident response. Gain valuable practical experience by completing a final-year cybersecurity exercise, where you will devise and implement a defence strategy for a complex enterprise environment. Collaborate with our Innovation & Collaboration Centre, and access industry expertise in technology, design, business growth, management, marketing and commercialisation.

CAREERS

Security analyst • security software developer • cybersecurity specialist • system security engineer • cyber solutions architect • cybersecurity advisor • cybersecurity manager

Entry requirements

Entry requirements for this program in computer cost will be reviewed by the University.

Applicants will generally have completed a bachelor degree in information technology with a Credit point average of 60% or above. Applicants who have completed a bachelor degree or higher in any discipline may also be considered for entry, based upon their prior experience gained through formal higher education or professional experience gained through employment. Applicants may be required to attend an interview, either in person or online.

YOU MIGHT ALSO LIKE

• Master of Data Science

• Master of Information Technology (Enterprise Management)

DEGREE STRUCTURE

IT Concepts

Network Infrastructure

Security Principles

Security Governance

Security Auditing

Network Security

Operating Systems and Application Security

Crypt and Email Security

Database Security

Industrial Internet Security

Enterprise Security

Cybersecurity Risk and Compliance

Security Architecture

Exploitation Professional Project

Master of Data Science

unisa.edu.au/IT

Hawson Lakes Campus

Intakes: Feb and Jul

On-campus/online

2 years full-time

Real-world projects

SAFAC code 4CM128

Program code LMDS

Part-time study available *see page 12 for more information

Enter the revolutionary field of big data where there is a growing demand for qualified data scientists. Learn how to find patterns, make meaning and draw value from large data sets, which can be applied across a wide range of industries and business environments. Build strong foundational skills in data and statistics such as data analytics, big data basics, statistical programming, and relational databases and warehouses. Learn to analyse and visualise rich data sources, spot data trends and generate data management strategies. Benefit from coursework designed in consultation with industry, including with the Institute of Analytics Professionals of Australia and the leader in analytics software and solutions – SAS. Complete a practical project in your final year, gaining practical experience in modern data techniques and practices. Take advantage of flexible learning options, including part-time and online study.

CAREERS

Data scientist • big data visualiser • business intelligence analyst • information security analyst • social media analyst • customer insights analyst • data analyst • data engineer • research analyst

Entry requirements

• Bachelor degree in information technology or mathematics from a recognised higher education institution; or

• Graduate diploma in graduate certificate in data science from a recognised higher education institution

YOU MIGHT ALSO LIKE

• Master of Cybersecurity

• Master of Information Technology (Enterprise Management)
Master of Information Technology (Enterprise Management)

- Master of Information Technology (Archives and Records Management)
- Graduate Diploma in Information Technology

Master of Information Management

- Master of Information Management (Library and Information Management)
- Graduate Certificate in Information Technology

Master of Environmental Science

- Master of Environmental Science (Environmental Management)

Master of Business and Systems Analysis

- Master of Business and Systems Analysis
- Graduate Diploma in Information Technology
- Graduate Certificate in Information Technology
- Nested with: Graduate Diploma in Information Technology

CAREERS

Business and systems analyst • ICT manager • Network and support manager • Solutions architect • Project manager • ICT portfolio manager • ICT test manager

Entry requirements

- A degree in any discipline from a recognised higher education institution, or
- Graduate certificate in information technology from a recognised higher education institution, or
- Graduate diploma in information technology accredited by the Australian Computer Society.

YOU MIGHT ALSO LIKE

- Master of Cybersecurity
- Master of Data Science

DEGREE STRUCTURE

FIRST YEAR
- INDUSTRY-ORIENTED CONTENT
  - IT Concepts
  - Business Processes & IT Professionals
  - Project Management for IT Professionals
  - Professional Communication
  - Business intelligence and analytics
  - Enterprise Systems using SAP
  - Business Systems Analysis

SECOND YEAR
- ARCHIVAL AND RECORDS MANAGEMENT
  - Archives and Records Management
  - Information Management
  - Information Governance

PROGRAM CODE

4CM153

Online or on-campus

2 years full-time

On-campus/online

Commonwealth supported

Master of Environmental Science

- Master of Environmental Science (Environmental Management)

CAREERS

Natural resource manager • environmental manager • environmental management consultant • environmental planner • sustainability adviser • environmental scientist • project manager • researcher

Entry requirements

- A graduate degree, graduate certificate or graduate diploma in a relevant discipline typically including science, engineering, environmental studies or environmental management from a recognised higher education institution, or
- Equivalent qualification.

YOU MIGHT ALSO LIKE

- Master of Engineering – Energy and Advanced Manufacturing
- Master of Engineering – Environmental Science

DEGREE STRUCTURE

FIRST YEAR
- INTEGRATED FOUNDATION PROGRAM
  - Information Management
  - Professional Practice
  - Technology Foundations
  - Information Management Fundamentals
  - Information and Knowledge Management
  - Information Resources and Services
  - Information Management
  - Information Systems
  - Information Management Project

SECOND YEAR
- INFORMATION MANAGEMENT PROGRAM
  - Digital Literacy
  - Information Advocacy

RESEARCH PROJECT

- Research Methods
- Information Management
- Information Advocacy

MINOR THESEIS

- Environmental Planning
- Community Partnerships
- Environmental Planning, Climate Change and Sustainability
- Master’s Research Project

Program code

4CM163 4CM200

Part-time study available

Master of Business and Systems Analysis

- Master of Business and Systems Analysis

CAREERS

- Business systems analyst
- ICT manager
- Network and support manager
- Solutions architect
- Project manager
- ICT portfolio manager
- ICT test manager

Entry requirements

- A degree in any discipline from a recognised higher education institution, or
- Graduate certificate in information technology from a recognised higher education institution.

YOU MIGHT ALSO LIKE

- Master of Cybersecurity
- Master of Data Science

DEGREE STRUCTURE

FIRST YEAR
- INDUSTRY-ORIENTED CONTENT
  - IT Concepts
  - Business Processes & IT Professionals
  - Project Management for IT Professionals
  - Professional Communication
  - Business intelligence and analytics
  - Enterprise Systems using SAP
  - Business Systems Analysis

SECOND YEAR
- ARCHIVAL AND RECORDS MANAGEMENT
  - Archives and Records Management
  - Information Management
  - Information Governance

PROGRAM CODE

4CM153

Online or on-campus

2 years full-time

On-campus/online

Commonwealth supported

Master of Business and Systems Analysis

- Master of Business and Systems Analysis

CAREERS

- Business systems analyst
- ICT manager
- Network and support manager
- Solutions architect
- Project manager
- ICT portfolio manager
- ICT test manager

Entry requirements

- A degree in any discipline from a recognised higher education institution, or
- Graduate certificate in information technology from a recognised higher education institution.

YOU MIGHT ALSO LIKE

- Master of Cybersecurity
- Master of Data Science

DEGREE STRUCTURE

FIRST YEAR
- INTEGRATED FOUNDATION PROGRAM
  - Information Management
  - Professional Practice
  - Technology Foundations
  - Information Management Fundamentals
  - Information and Knowledge Management
  - Information Resources and Services
  - Information Management
  - Information Systems
  - Information Management Project

SECOND YEAR
- INFORMATION MANAGEMENT PROGRAM
  - Digital Literacy
  - Information Advocacy

RESEARCH PROJECT

- Research Methods
- Information Management
- Information Advocacy

MINOR THESEIS

- Environmental Planning
- Community Partnerships
- Environmental Planning, Climate Change and Sustainability
- Master’s Research Project

Program code

4CM163 4CM200

Part-time study available
YOUR STUDENT EXPERIENCE

ORIENTATION is the start of your journey at university. Explore your campus, meet new people, connect with teaching staff, get study advice and enjoy different activities.

CAMPUS CENTRAL teams are there to help you with everything from ID cards, to enrolment, fees, student services and any questions you have about your studies.

SUPPORT SERVICES are available to you throughout your time at university, including study support, personal counselling and peer mentoring, along with access to a range of community clinics located on campus.

USASA is your student association and voice at university. They also organise social activities, coordinate 100+ student clubs and publish our award-winning student magazine.

CAREER SERVICES will help you prepare for your future career. Connect with one of our expert career advisers, access the online Career Hub for the latest resources and job listings, and attend networking and industry events.

UniSA+ is a unique program that will help you get career ready by developing your practical skills in leadership, entrepreneurship, cultural understanding and self-awareness.

STUDENT LOUNGES feature open social spaces, study nooks, kitchen facilities, mobile charging stations, lockers, gaming stations and more.

UniSA SPORT has 25+ sporting clubs, including rowing, netball, gaelic, rock climbing and even esports!

24-HOUR SECURITY services are available on campus and the free SafeZone app can be downloaded through the App Store or Google Play.

ACCOMMODATION services are available to help you set up a home away from home.

MYCAREERMATCH is a free personality and career profiling tool that you can complete before you start university. Contact Future Student Enquiries on (08) 8302 2376 or at unisa.edu.au/enquire.

GUARANTEED ENTRY CALCULATOR
Go online and explore the degrees you may be eligible for using your Selection Rank or Year 12 subject grades.
@ unisa.edu.au/guaranteed

OPEN DAYS
ONLINE Launching July 2021
Access all your study and career information, anytime from anywhere.

ON CAMPUS August 2021
Visit your future campus throughout August, take a guided tour, and speak with teaching staff and current students. Register at:
unisa.edu.au/openday

2021 EVENTS AND WEBINARS
We host a series of events and webinars throughout the year so you can learn more about studying with UniSA.

CAMPUS TOURS
We offer guided campus tours during the school holidays, which you can book online.
unisa.edu.au/infosessions
APPLYING WITH YEAR 12 RESULTS

Applicants are required to have successfully completed the South Australian Certificate of Education (SACE) with:
- A competitive Selection Rank (ATAR + Adjustment Factors),
- Fulfilment of the degree’s prerequisite requirements (where applicable).
Applicants may also be eligible to compete for entry if they have completed the degree’s prerequisite requirements and one of the following:
- An interstate or overseas qualification considered by the University as equivalent to SACE, or
- The International Baccalaureate Diploma with a minimum score of 24 points.

unisa.edu.au/Year-12

ADJUSTMENT FACTORS

Australian high school students applying for university study may be eligible for Adjustment Factors (previously known as bonus points). These are based on set equity factors and/or subject choices (see below).

They're automatically added to your application and/or subject choices (see below).

- An interstate or overseas qualification considered by the University as equivalent to SACE, or
- The International Baccalaureate Diploma with a minimum score of 24 points.

unisa.edu.au/adjustmentfactors

GUARANTEED ENTRY

There are a few ways to guarantee your place at UniSA.

Year 12 Grades Guaranteed Entry – UniSA offers guaranteed entry based on your three best Year 12 subject grades for most degrees. If you achieve the selection grades, you are put automatically in.

Subjects need to be 20-credit Stage 2 Tertiary Admission Subjects (TAS). Students also need to achieve a minimum ATAR of 50.

Selection Rank Guaranteed Entry – UniSA has set selection grades for most of our degrees. This means, that if you achieve that set Selection Rank and you put us as your first preference, you're in. There's nothing more you have to do.

Some degrees also have prerequisites and other eligibility criteria for entry that you'll still have to meet.

VET Guaranteed Entry – UniSA offers guaranteed entry based on successfully completed VET qualifications. If your completed VET award meets the set VET Guaranteed Entry, you have met any prerequisites and specific entry requirements, and you've listed the degree as your first preference, you're guaranteed an offer.

Check out our online Guaranteed Entry Calculator.

unisa.edu.au/guarantee

ALTERNATIVE PATHWAYS

Entering your chosen degree straight from high school is not the only pathway into UniSA. Applicants may also meet the minimum requirements to apply for entry (via competitive selection) through one of the following:

UniSA College – there are a variety of pathway options offered through UniSA College, including diplomas, Foundation Studies and the Aboriginal Pathway Program.

STAT – a competitive Special Tertiary Admissions Test (STAT) score – based on 70 multiple choice questions designed to assess your aptitude for tertiary study. A personal competencies statement or relevant employment experience alongside your STAT score may also be considered for some degrees.

TAFE/RTD – applicants may be eligible for entry with the completion of an award from TAFE or another Registered Training Organisation at AQF Certificate IV or higher.

Tertiary transfer – completion of at least half a year of full-time equivalent study at UniSA or a recognised higher education institution. You can apply using your competitive Grade Point Average (GPA).

SABT – there are a range of bridging qualifications offered through the South Australian Institute of Business & Technology.

unisa.edu.au/pathways

SCHOLARSHIPS

We offer a wide range of scholarships and grants to support students from all walks of life. Each year, more than 2,500 students benefit from scholarships at UniSA, providing financial assistance as well as valuable work experience, mentoring opportunities and overseas travel. Go online to check what you might be eligible for.

unisa.edu.au/scholarships

HOW TO APPLY

Applications to most UniSA degrees are administered through the South Australian Tertiary Admissions Centre (SATAC). Go to our website for all the information you need about how to apply.

unisa.edu.au/apply

For all UniSA Online degrees, you can apply directly.

unisaonline.edu.au

FEES

All domestic undergraduate students at UniSA are in Commonwealth-supported places. Students in these places pay a contribution of their fees depending on the program chosen and the contribution band in which those courses are classified (see table below). The amount of your student contribution also depends on the unit value of your courses of study.

As per the Australian Government guidelines, the student contribution amounts for 2021 are:

<table>
<thead>
<tr>
<th>Field of Education</th>
<th>Student contribution for one year of full-time study (EFTSL)</th>
<th>Student contribution for each subject (0.125 EFTSL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, English, mathematics, teaching, clinical psychology*, languages and nursing</td>
<td>$1,950</td>
<td>$493</td>
</tr>
<tr>
<td>Architecture, IT, other health, allied health, creative arts, engineering science, environmental studies, professional pathway psychology*, professional pathway social work* and clinical psychology*</td>
<td>$1,950</td>
<td>$993</td>
</tr>
<tr>
<td>Dentistry, medicine and veterinary science</td>
<td>$11,100</td>
<td>$1,472</td>
</tr>
<tr>
<td>Law, accounting, administration, economics, commerce, communications, society and culture, professional pathway psychology*, professional pathway social work* and clinical psychology*</td>
<td>$14,500</td>
<td>$1,872</td>
</tr>
</tbody>
</table>

*Some undergraduate programs are also Commonwealth-supported or CSP, while others are full fee-paying. This is based on applicable programs in this guide. For programs under 1.0 year full-time study, fees are listed as the whole program fee (indicative of 2021). For programs over 1.0 years full-time study, fees are listed based on the cost per annum (indicative of 2021). For more information on fees, including eligibility for Commonwealth-supported places, defining your student contribution through HECS-HELP or FEE-HELP loans, please visit unisa.edu.au/fees

This table should be used as a guide only. Total costs can vary depending on the courses you study and the band they fall into.

*Most determined by program/plan