

No.1 SATISFACTION QILT: Course Experience Questionnaire 2016–17. Public SA-founded universities only.

SA'S#1 UNIVERSITY FOR GRADUATE CAREERS

QILT: Graduate Destinations Survey 2015 and Graduate Outcomes Survey 2016–17 – Full-time Employment Indicator. Public SA-founded universities only.

RANKED 26th IN THE WORLD'S TOP 50 UNDER 50

2017 QS Top 50 Universities Aged Under 50

To be the best in your field, you need a university that offers a choice of over 200 world-class degrees, and is globally recognised for its teaching, research and facilities.

GET CONNECTED

with Australia's University of Enterprise

REAL CAREERS

We are number one in South Australia for graduate careers.* We take a practical approach to teaching and learning so that our graduates can make a real impact in their chosen field.

*QILT: Graduate Destinations Survey 2015 and Graduate Outcomes Survey 2016—17 — Full-time Employment Indicator. Public SA-founded universities only.

unisa.edu.au/careers



Be surrounded by impressive, purpose-built facilities across all six campuses. Be supported by the latest technologies including our fully interactive online learning platform.

unisa.edu.au/campus-facilities

TOP RANKING TEACHERS

Make your study experience relevant and learn from highly qualified academics and industry professionals. UniSA is Australia's best young university for teaching quality.

*Ranked Number 1, 2017 THE Top 200 Under 50 — Teaching Indicator.

GLOBAL EXPOSURE

Take part in international field trips, work placements, internships, study tours, short-term programs, volunteer opportunities, conferences or a student exchange.

unisa.edu.au/globalopportunities

POWERFUL PARTNERSHIPS

Our learning is influenced by industry, and the latest trends and demands. We collaborate with over 2,500 companies worldwide to bring our students placement, project, research and work opportunities.





































University of South Australia Online

STUDY ON DEMAND

Take full control over your study with our new 100% online, career-focused degrees. Get online student support seven days a week, plan your study to fit around your life, access learning resources 24/7, and log in to an online interactive learning environment anywhere, any time and on any device.

Explore our range of degrees in:

ACCOUNTING

BUILDING AND CONSTRUCTION

COMMUNICATION

COMMUNITY HEALTH

CRIMINAL JUSTICE

DIGITAL MEDIA

HUMAN RESOURCE MANAGEMENT

IT AND DATA ANALYTICS

MANAGEMENT

MARKETING

NUTRITION AND EXERCISE

PSYCHOLOGICAL SCIENCE AND SOCIOLOGY

Take the next step and see if you're eligible by answering a few short questions.

unisaonline.edu.au















No. 1 IN SA FOR TEACHING QUALITY IN SCIENCE AND MATHEMATICS

QILT: Course Experience Questionnaire 2016–17. Public SA-founded universities only.

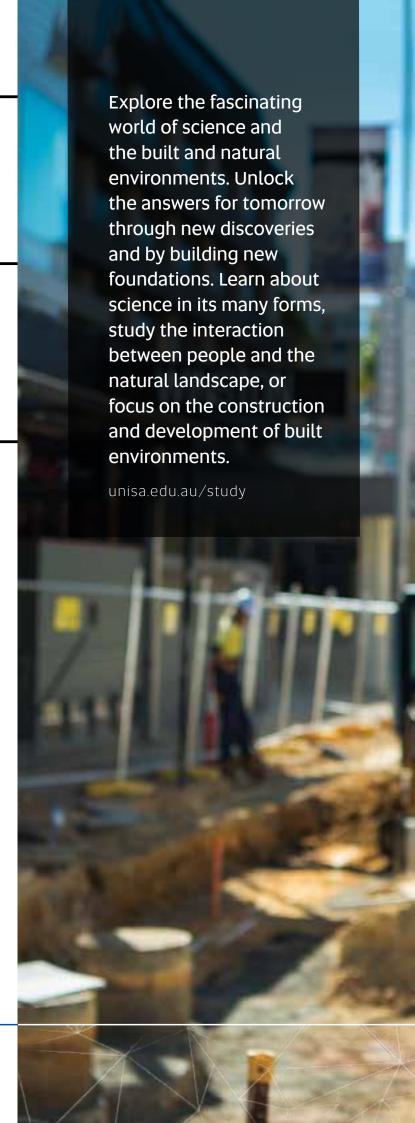
No. 1 IN SA FOR GRADUATE CAREERS IN ARCHITECTURE AND BUILDING

QILT: Graduate Destinations Survey 2015 and Graduate Outcomes Survey 2016–17 – Full-time Employment Indicator. Public SA-founded universities only.

STUDY SA'S ONLY CONSTRUCTION MANAGEMENT DEGREE

AND AUSTRALIA'S ONLY MASTER OF SURVEYING

SCIENCE AND THE ENVIRONMENT





REAL-WORLD EXPERIENCE

Attend guest lectures, industry networking events and site visits. Further your experiential learning by completing a hands-on design project and link-up with our leading research concentrations.

BOSS TRAINING AND DEVELOPMENT

The Builders Organisation for Students and Staff (BOSS) provides training, personal development and industrybased networking for students in UniSA's built environment programs. Run by a student committee, BOSS supports and promotes social activities, academic development and professional placement opportunities. Students can get involved in site visits, community events, the BOSS Annual Dinner and more. It's a great way to keep up to date with what's happening on campus and in industry.

UNDERGRADUATE

Science / 9

Environmental Science / 10
Geospatial Science / 10
Nano- and Biomaterials / 12
Sustainable Environments / 12
Built Environment / 13
Construction Management / 13
Construction Management and

Economics / 14 POSTGRADUATE

Building Surveying / 15
Quantity Surveying / 16
Project Management / 16
Surveying / 18
Environmental Science / 18

RESEARCH

Masters by Research / 19 Doctor of Philosophy (PhD) / 19







PROJECT LIVE / Learn through Immersive Virtual Environments using the latest visualisation technologies that transform traditional classroom activities into interactive learning.



New spaces



PRIDHAM HALL / A \$50 million space that has transformed our campus blueprint in the city's west end; featuring a sports centre, lap pool, gym, dance/aerobics studio, function rooms, and facilities to seat 1800 students and their families for graduation ceremonies.

Discover the virtual fly-through at unisa.edu.au/pridhamhall



UNIVERSITY OF SOUTH AUSTRALIA CANCER RESEARCH INSTITUTE / Located in SA's health and biomedical precinct in the Adelaide CBD, this \$247 million building is the new leading destination for health research and teaching.

See this world-class project at unisa.edu.au/facilities/unisaCRI



MOD. / This futuristic museum of discovery offers immersive experiences to the public through dynamic and changing exhibition programs across seven dedicated gallery spaces.

To find out more visit unisa.edu.au/MOD

YOUR PATHWAY OPTIONS

BECOME A TEACHER

Apply for a packaged program at UniSA and receive guaranteed entry* into the Master of Teaching (Secondary) to become a high school science teacher. Simply preference the unique SATAC code below.

Bachelor of Science / Master of Teaching (Secondary): SATAC code: 434101

To learn more visit unisa.edu.au/become-a-teacher

*Additional selection criteria applies.

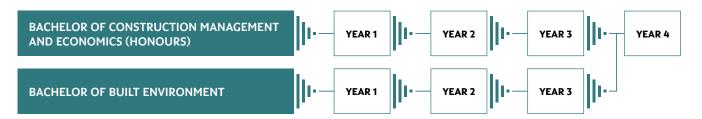
UniSA MATHS SHORT COURSE

Want to study a science degree but didn't complete SACE Stage 2 Mathematical Methods? We offer a unique short course for students to complete the required prerequisite before commencing their degree at UniSA. Work alongside highly qualified tutors in small learning groups, and get prepared for tertiary study.

For more information visit unisa.edu.au/maths-short-course

STUDY CONSTRUCTION MANAGEMENT

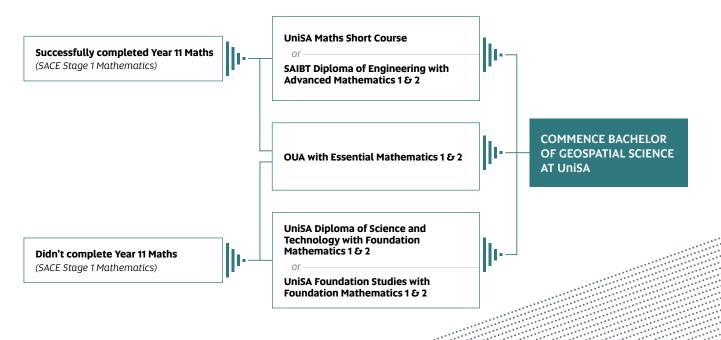
Didn't get the Selection Rank (ATAR) needed to study construction management? You can choose to pathway directly into the final year of the program and graduate with honours.



GET A STEP UP WITH GEOSPATIAL SCIENCE

Are you interested in studying a specialised degree focused on spatial technology used in land surveying, gaming, mapping and more? If you haven't completed the prerequisite of SACE Stage 2 Mathematical Methods^, successfully pass any of the programs below including the specified mathematics courses to gain entry into the Bachelor of Geospatial Science.

^ Stage 2 Mathematical Methods from 2017, or Stage 2 Mathematical Studies if studied in 2016 or prior.



Full-time program duration in years Part-time study available



Honours available



UNDERGRADUATE

Your tertiary learning and career starts with undergraduate study.

QUALIFICATIONS*

- · Bachelor: 3 years
- Bachelor (Honours): 4 years
- · Honours: 1 year

*study times are approximate and based on a full-time study load.

FIND OUT MORE

For more information about all of the undergraduate degrees on offer and entry requirements visit:

unisa.edu.au/study

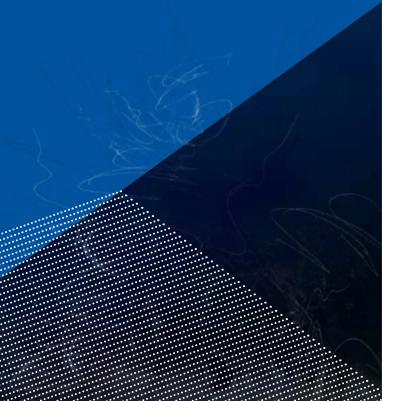
Further details about studying with UniSA are also outlined on page 20 of this guide.

HOW TO APPLY

Go online for all the information you need on applying to study at UniSA including SATAC requirements, admissions pathways, guaranteed entry scores, study credit and other commonly asked questions.

unisa.edu.au/apply

Please note: The Selection Rank (ATAR) scores listed in the Entry information are indicative of the 2018 cut-offs.



Bachelor of

SCIENCE LBSC

ON-CAMPUS ML 3 PT H unisa.edu.au/science









ENTRY

| 434201 |
|----------------|
| 61.2 |
| |
| 70 |
| DIP |
| see below |
| see below |
| February, July |
| |

Unravel the mysteries of the natural and physical world.

Study the fundamentals of science through observation, experiment and measurement.

Choose your majors based on your interests and career goals.

Gain practical experience through laboratory and field work.

Access state-of-the-art facilities and engage with researchers at the multi-million dollar Future Industries Institute.

MAJORS

- **Applied Physics**
- Biology
- Chemistry
- Computer Science
- **Environmental Systems**
- Geoscience
- Geospatial Information Systems
- Mathematics

Note: Students interested in taking a major in another area of science can discuss their options with the University after enrolment.

CAREER OPPORTUNITIES

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

Research laboratories , pharmaceutical industry / manufacturing / environmental management / food development / mining and energy / information technology / defence / teaching (with further study)

PREREQUISITES

Applicants must have completed at least two of the following SACE Stage 2 subjects:

- Biology
- Chemistry
- Geology
- Mathematical Methods*
- Physics or Specialist Mathematics

ASSUMED KNOWLEDGE

- SACE Stage 2 Physics and Mathematical Methods* for the Applied Physics major
- SACE Stage 2 Chemistry for the Biology major

- SACE Stage 2 Chemistry for the Chemistry major
- SACE Stage 2 Mathematical Methods* for the Mathematics major

*or Stage 2 Mathematical Studies if studied in 2016 or prior.

BECOME A TEACHER

This degree can be used for guaranteed entry into the Master of Teaching (Secondary) (MMET) subject to meeting set academic criteria. For more information see page 8.

ADMISSIONS PATHWAYS

Alternative entry options are available through the Foundation Studies program or Diploma in Science and Technology offered by UniSA College.

Students interested in the Applied Physics or Mathematics majors can also complete the UniSA Maths Short Course to meet their mathematical prerequisites. See page 8.

RELATED DEGREES

- Bachelor of Environmental Science
- Bachelor of Geospatial Science
- Bachelor of Health Science
- **Bachelor of Mathematics** (Industrial and Applied Mathematics)

FURTHER STUDY

- Bachelor of Science (Honours) (Nano- and Biomaterials) - one year
- Masters by Research
- Doctor of Philosophy (PhD)

PROGRAM STRUCTURE

FIRST YEAR

Professional and Technical Communication Science Major A - course 1 Science Major B - course 1

Elective 1

Statistics for Laboratory Sciences Science Major A - course 2

Science Major B - course 2 Elective 2

SECOND YEAR

Science Major A – course 3 Science Major A - course 4

Science Major B – course 3 Elective 3 Science Major B – course 4

Science Major B – course 5 Science Major A - course 5 Elective 4

THIRD YEAR

Science Major A - course 6 Science Major A - course 7

Science Major B - course 6 Elective 5

Science Major A - course 8 Science Major B - course 7

Science Major B - course 8 Elective 6

Part-time study



Honours available



Bachelor of

ENVIRONMENTAL SCIENCE LBVT











ENTRY

| SATAC code | 434921 |
|-----------------------|------------|
| Selection Rank (ATAR) | 60.6 |
| Guaranteed Entry: | |
| Selection Rank (ATAR) | 70 |
| Selection Rank (VET) | DIP |
| Prerequisites | none |
| Assumed knowledge | none |
| Start date(s)Febr | uary, July |
| | |

Develop a career in environmental sustainability, addressing today's most pressing scientific issues

Explore how humans interact with the environment and how we can best manage it.

Learn about ecology, soil science, geography and social sciences.

Complete in-depth examinations in biological and earth sciences.

Master the essential skills of working with Geospatial Information Systems (GIS) to capture, analyse and manage spatial and geographic data.

Gain practical experience through field trips and real-world projects.

CAREER OPPORTUNITIES

Environmental adviser / land management officer / ranger / sustainability officer / environmental consultant / ecologist / environmental scientist / teacher (with further study)

ADMISSIONS PATHWAYS

Alternative entry options are available through the Foundation Studies program or Diploma in Science and Technology offered by UniSA College.

COMBINED DEGREE

You can complete this degree together with the Bachelor of Geospatial Science (LBSP) in just four years. This option can be explored after enrolment. Eligibility criteria applies.

RELATED DEGREES

- · Bachelor of Geospatial Science*
- Bachelor of Science

*The Bachelor of Environmental Science (LBVT) shares common first year courses with the Bachelor of Geospatial Science (LBSP), so if you meet the subject requirements you can transfer and retain credits for courses you have completed.

FURTHER STUDY

- · Bachelor of Sustainable **Environments (Honours)** one year
- Master of Environmental Science
- Master of Teaching (Secondary)
- · Masters by Research
- Doctor of Philosophy (PhD)

PROGRAM STRUCTURE

FIRST YEAR

Biodiversity for the Environment Earth Systems Environment: A Human Perspective Principles of Geospatial Science

Environmental Analytical Methods Land Use Planning Soils in the Australian Landscape Sustainable Ecosystems

SECOND YEAR

Caring for Country Ecology Environmental Interpretation and

Community Engagement Geospatial Data Acquisition and Analysis

Environmental Policy and Regulations Minor Course 1

Minor Course 2

THIRD YEAR

Elective 2

Environmental Conflict and Public Consultation

Environmental Remote Sensing Minor Course 3

Elective 3

Environmental and Geospatial Field Project

Minor Course 4

MINOR IN COMMUNITY ENGAGEMENT AND SUSTAINABILITY

SECOND YEAR

Community Service Learning Project 1 Sustainable Development: A Global Perspective

THIRD YEAR

Park and Wilderness Management Sustainability and Entrepreneurship

MINOR IN BIODIVERSITY AND EARTH SYSTEMS

SECOND YEAR

Conservation Biology Engineering and Environmental Geology

THIRD YEAR

Restoration Ecology **Environmental Monitoring**

Bachelor of

GEOSPATIAL SCIENCE LBSP









ON-CAMPUS ML 3 PT H unisa.edu.au/geo

ENTRY

| SATAC code | 43498 |
|------------------------|----------------|
| Selection Rank (ATAR). | 67.75 |
| Guaranteed Entry: | |
| Selection Rank (ATA | R)7C |
| Selection Rank (VET |)DIF |
| Prerequisites | SACE Stage 2 |
| | Math Methods |
| Assumed knowledge. | SACE Stage 2 |
| | Physics |
| Start date(s) | February, July |
| | |

Build a career in land surveying and environmental management.

Learn about environmental mapping and modelling and spatial analysis using the latest technologies.

Study geospatial science, landscape and soil science, mathematics and physics, environmental science, and land planning.

Master the essential skills of working with Geospatial Information Systems (GIS) to capture, analyse and manage spatial and geographic data.

Gain practical experience through field trips and real-world projects.

CAREER OPPORTUNITIES

Cartographer / photogrammetrist / GIS technician / geospatial analyst / teacher (with further study)

ADMISSIONS PATHWAYS

Alternative entry options are available through the Foundation Studies program or Diploma in Science and Technology offered by UniSA College.

Students can also complete the UniSA Maths Short Course to meet their mathematical prerequisites. See page 8.

COMBINED DEGREE

You can complete this degree together with the Bachelor of Geospatial Science (LBSP) in iust four years. This option can be explored after enrolment. Eligibility criteria applies.

RELATED DEGREES

- Bachelor of Environmental Science*
- Bachelor of Science
- Bachelor of Engineering (Honours) (Civil)

*The Bachelor of Geospatial Science (LBSP) shares common first year courses with the Bachelor of Environmental Science (LBVT), so you can transfer and retain credits for courses you have completed.

FURTHER STUDY

- Bachelor of Sustainable **Environments (Honours)** - one year
- · Master of Quantity Surveying
- Master of Teaching (Secondary)

PROGRAM STRUCTURE

FIRST YEAR

Biodiversity for the Environment Earth Systems Environment: A Human Perspective

Principles of Geospatial Science Environmental Analytical Methods

Land Use Planning Soils in the Australian Landscape Sustainable Ecosystems

SECOND YEAR

Applied Physics 1 Caring for Country Geospatial Data Acquisition and Analysis Problem Solving and Programming

Engineering and Environmental Geology Mathematical Methods for Engineers 1 Survevina 1

THIRD YEAR

Elective 2 **Environmental Remote Sensing** Geospatial Exploration Surveying 2

Web Cartography Elective 3 Environmental and Geospatial Field

Project



Bachelor of

SCIENCE (HONOURS) (NANO-**AND BIOMATERIALS) LHSC**









FURTHER STUDY

FIRST YEAR

Interfaces 1

Interfaces 2

Masters by Research

PROGRAM STRUCTURE

Research Project Preparation Advanced Topics in Materials and

Honours Research Project 1

Honours Research Project 2

Advanced Topics in Materials and

Doctor of Philosophy (PhD)

ENTRY

| SATAC code | 4BHOO9 |
|-----------------------|----------|
| Selection Rank (ATAR) | n/a |
| Guaranteed Entry: | |
| Selection Rank (ATAR) | n/a |
| Selection Rank (VET) | n/a |
| Prerequisites | none |
| Assumed knowledge | none |
| Start date(s) | February |
| | |

Focus on advanced study and research in nano- and biomaterials.

Explore materials science, biomedical engineering, nanomedicine and biology, manufacturing, biotechnology and nanotechnology.

Complete a one-year research project in an area that interests you most.

Prepare for additional postgraduate studies in science or a career as a professional scientist.

Access the Materials and Minerals Science Learning and Research Hub and work alongside research and industry experts at the Future Industries Institute located on campus.

IMPORTANT INFORMATION

This program has no direct entry. Students who have successfully completed a bachelor's degree in a relevant area of science, technology or engineering, and who have displayed a high level of academic achievement throughout their degree (typically a credit average or above) are encouraged to apply.

CAREER OPPORTUNITIES

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

Product development / manufacturing / clinical trials / technology advancement / environmental remediation / research and academia

RELATED DEGREES

- Bachelor of Applied Science (Honours) (Industrial and Applied Mathematics)
- Bachelor of Sustainable Environments (Honours)
- Bachelor of Health Science (Honours)
- Bachelor of Biomedical Research (Honours)
- Bachelor of Information Technology (Honours)

Bachelor of

SUSTAINABLE ENVIRONMENTS (HONOURS) LHST

ON-CAMPUS ML 1 PT unisa.edu.au/geo







ENTRY

| SATAC code Selection Rank (ATAR) | |
|-------------------------------------|-------------|
| | II/ d |
| Guaranteed Entry: | , |
| Selection Rank (ATAR) | |
| Selection Rank (VET) | n/a |
| Prerequisites | none |
| Assumed knowledge | none |
| Start date(s)Feb | ruary, July |
| | |

Study a one-year honours program and learn about managing environmental impacts in business activities.

Gain an in-depth understanding of environmental performance and reporting, and the expectations of organisations and key stakeholders in these areas.

Complete a multi-disciplinary environmental research project in an area focused on sustainability and that interests you most.

Benefit from links to the University's Barbara Hardy Institute and the Natural and Built **Environments Research Centre.**

FIRST YEAR

Directed Elective 1 Research Theory and Practice Environmental Sustainability Research Principles of Project Management Research Data Analysis OR Directed Elective 2

PROGRAM STRUCTURE

Environmental Sustainability Research Thesis 2

IMPORTANT INFORMATION

This program has no direct entry. Students who have successfully completed a bachelor's degree in a related discipline, and who have displayed a high level of academic achievement throughout their degree (typically a credit average or above and evidence of research capability) are encouraged to apply.

CAREER OPPORTUNITIES

This qualification can lead to a variety of careers in the following settings:

Environmental sector / government departments and agencies / environmental consultancy firms / engineering sector / mining and resources / manufacturing / construction sector

FURTHER STUDY

- · Master of Environmental Science
- · Masters by Research
- Doctor of Philosophy (PhD)

Part-time study available



Honours available



Bachelor of

BUILT ENVIRONMENT IBBE







ON-CAMPUS (E) 3 PT unisa.edu.au/construction

ENTRY

| SATAC code | 414301 |
|-----------------------|-----------|
| Selection Rank (ATAR) | 67 |
| Guaranteed Entry: | |
| Selection Rank (ATAR) | 75 |
| Selection Rank (VET) | DIP |
| Prerequisites | none |
| Assumed knowledge | none |
| Start date(s)Febru | ary, July |
| | |

Build a career in the construction industry focusing on residential and low-rise buildings.

Study core courses in construction law, management, communication, materials, economics and quantity surveying.

Develop your knowledge in estimating, contract administration, scheduling and cost planning.

Learn in the Experiential Learning Suite based on campus, featuring the latest technologies.

CAREER OPPORTUNITIES

Construction manager / estimator / construction planner / site supervisor / contract administrator

PROFESSIONAL ACCREDITATION

This degree is professionally endorsed by the Australian Institute of Building Surveyors and graduates can apply for accreditation as a Level 2 Building Surveyor.

ADMISSIONS PATHWAYS

Alternative entry options into this degree are also available through the Foundation Studies program or Diploma in Science and Technology offered by UniSA College.

RELATED DEGREES

- **Bachelor of Construction** Management and Economics (Honours)*
- **Bachelor of Construction** Management
- Bachelor of Engineering (Honours) (Civil)
- Bachelor of Engineering (Honours) (Civil and Project Management)

*Following successful completion of the Bachelor of Built Environment (IBBE), students can enter directly into fourth year of the Bachelor of Construction Management and Economics (Honours) (IHCN).

FURTHER STUDY

- Graduate Certificate in Built Environment (Building Surveying)
- Graduate Diploma in Built **Environment (Building Surveying)**
- Master of Quantity Surveying

PROGRAM STRUCTURE

FIRST YEAR

Introduction to Contract Administration Construction 1 Introduction to Construction Management Construction Communication

Construction Materials **Economics for Construction Professionals** Structures 1 University Elective

SECOND YEAR

Quantity Surveying Practice 1 Contract Administration Construction 2 Structures 2

Building Estimating Construction Cost Planning Construction Scheduling Building Services N

THIRD YEAR

Development Regulation **Development Economics** Construction Environmental Science **Building Surveying**

Construction Operations and Safety Advanced Contract Administration Fire Engineering N Sustainable Construction

Bachelor of

CONSTRUCTION MANAGEMENT XBBF



100% ONLINE 3 unisaonline.edu.au/degrees/construction

HOW TO APPLY

DEGREE INFO

| Selection Ran | k (ATAR). | NEW |
|---------------|-----------|--------------------|
| Start dates | Janı | Jary, April, June, |
| | | September |
| Time commiti | ment | 10-15 hours |
| | per w | veek per course |
| Study as | Full-tir | me or part-time |
| | | none |
| Assumed kno | wledge | none |
| | | |

Study Construction On Demand access online support services seven days a week, view learning resources 24/7 and log in to the interactive online environment anywhere, any time, and on any device.

Benefit from flexible study with no need to attend lectures, or come on campus - all courses and assessments are 100% online.

Learn in bite-sized ten-week blocks with courses designed specifically for online learning.

Develop a career in the construction industry focusing on residential and low-rise buildings.

Go on to pursue your career goals in quantity surveying, building surveying or construction management.

Choose a degree developed in consultation with leading accrediting bodies and learn from experienced academics with strong industry connections.

- 1. Check your eligibility at unisaonline.edu.au/eligibility
- 2. Receive your conditional offer
- 3. Complete your application and send through your documents

To apply, visit unisaonline.edu.au or call 1800 531 962.

Critical Approaches to Online Learning

PROGRAM STRUCTURE

FIRST YEAR

Introduction to Construction Management Construction Communication Construction 1 Construction Materials **Economics for Construction Professionals** Structures 1 Introduction to Contract Administration

SECOND YEAR

Construction Scheduling Construction 2 Quantity Surveying Practice 1 Contract Administration Structures 2 **Building Estimating Building Services** Construction Cost Planning

THIRD YEAR

Development Regulation Sustainable Construction **Development Economics** Construction Environmental Science Construction Operations and Safety Fire Engineering **Building Surveying** Advanced Contract Administration

CAREER OPPORTUNITIES

Construction manager / estimator / construction planner / quantity surveyor / building surveyor

ADMISSIONS PATHWAYS

Alternative entry options include:

- Completion of online literacy and numeracy test with relevant work experience
- Foundation Studies program through UniSA College

SCHOLARSHIPS AND GRANTS

Apply for a range of scholarships and grants when you enrol into a UniSA Online degree. Conditions apply - visit unisaonline.edu.au/scholarships

CREDIT CHECK

Fast-track your degree and receive credit for past study and/or work experience. For more information visit unisaonline.edu.au/credit



Full-time program duration in years

Part-time study available



available





CONSTRUCTION MANAGEMENT AND ECONOMICS (HONOURS) IHCN







ON-CAMPUS CE 4 PT unisa.edu.au/construction

ENTRY

| SATAC code | 41402 |
|-----------------------|----------------|
| Selection Rank (ATAR) | 81.05 |
| Guaranteed Entry: | |
| Selection Rank (ATAR | 2)80 |
| Selection Rank (VET) | AdvDIF |
| Prerequisites | none |
| Assumed knowledge | none |
| Start date(s) | February, July |
| | |

Join South Australia's only construction management and economics degree, recognised by a number of peak industry organisations in Australia and

Learn about construction fundamentals including building technology, building structures and housing studies.

Develop your knowledge in contract administration. development regulation and development economics.

Choose to focus on quantity surveying, building surveying or construction management in your final year.

Complete a minimum of 100 days supervised work experience through an industry placement.

CAREER OPPORTUNITIES

Construction manager / project manager / estimator / construction planner / site supervisor / contract administrator / quality surveyor / building surveyor

PROFESSIONAL ACCREDITATION

This degree is professionally endorsed by the Australian Institute of Building (AIB).

PROFESSIONAL RECOGNITION

This degree meets the educational requirements for corporate membership with the Australian Institute of Quantity Surveyors and the Australian Institute of Building Surveyors, and for professional membership with the Australian Institute of Building. It also meets the requirements for varying levels of membership with applicable associations in Hong Kong, Malaysia, Singapore and the United Kingdom.

ADMISSIONS PATHWAYS

Alternative entry options into this degree are also available through the Foundation Studies program or Diploma in Science and Technology offered by UniSA College.

Students that successfully complete the three-year Bachelor of Built Environment (IBBE) can also transfer directly into the fourth and final year of the Bachelor of Construction Management (Honours) (IHCN) degree. See page 8.

RELATED DEGREES

- · Bachelor of Built Environment
- Bachelor of Engineering (Honours) (Civil)
- Bachelor of Engineering (Honours) (Civil and Project Management)
- Bachelor of Business (Property)
- **Bachelor of Construction** Management

FURTHER STUDY

- Graduate Certificate in Built Environment (Building Surveying)
- Graduate Diploma in Built Environment (Building Surveying)
- Master of Quantity Surveying

PROGRAM STRUCTURE

FIRST YEAR

Introduction to Contract Administration Construction 1 Introduction to Construction Management Construction Communication

Construction Materials **Economics for Construction Professionals** Structures 1 University Elective

SECOND YEAR

Quantity Surveying Practice 1 Contract Administration Construction 2 Structures 2

Building Estimating Construction Cost Planning Construction Scheduling Building Services N

THIRD YEAR

Development Regulation **Development Economics** Construction Environmental Science **Building Surveying**

Construction Operations and Safety Advanced Contract Administration Fire Engineering N Sustainable Construction

FOURTH YEAR

Research Theory and Practice Integrated Project and two of the following three specialisation courses

- · Quantity Surveying Practice 2
- Asset Management and Building Pathology
- Construction Business Management

NBE Honours Research Project and two of the following three specialisation courses:

- · Advanced Quantity Surveying
- · Advanced Building Surveying
- · Advanced Construction Management

Jake excelled in his studies

construct competition where

Since then, Jake has enjoyed

Hansen Yuncken and Mossop

Group. He now works for EY

his project-based skills and

"The knowledge that I will be

developments inspires me to

continue pursuing this line

"My course had many other

students who were motivated

to succeed; this has allowed

who I still remain in contact

me to make good friends,

he was awarded first prize.

a great career working for

industry leaders such as

as a consultant utilising

part of influential future

financial expertise.

of work.

with today."

and even travelled to

the US to compete in an

international design and

Jake Harry / BACHELOR OF CONSTRUCTION MANAGEMENT AND ECONOMICS (HONOURS)

Full-time program duration in years

Part-time study available

Commonwealth-supported (see page 20 for more info)

POSTGRADUATE

Take your career to the next level and develop further knowledge and skills through postgraduate study.

QUALIFICATIONS*

- · Graduate Certificate: 6 months
- · Graduate Diploma: 1 year
- Master: 1–2 years

*study times are approximate and based on a full-time study load.

FIND OUT MORE

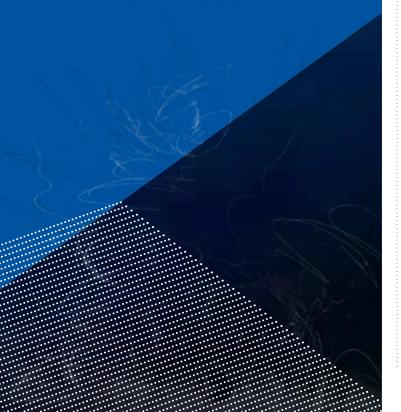
For more information about all of the postgraduate qualifications on offer and entry requirements visit:

unisa.edu.au/study

Further details about studying with UniSA are also outlined on page 20 of this guide.

HOW TO APPLY

Go online for all the information you need on applying to study at UniSA.



Graduate Diploma in

BUILT ENVIRONMENT (BUILDING SURVEYING) IGBE

NESTED WITH

Graduate Certificate in Built Environment (Building Surveying) (ICBE)









ONLINE CE 1 PT unisa.edu.au/construction

ENTRY

| SATAC code | (GradDip) 4GDO97 |
|---------------|---|
| | (GradCert) 4GCO75 |
| Fees | CSP |
| Start date(s) | February, July |
| | international students Funder a student visa |

Develop the knowledge and skills to become a professionally-accredited building surveyor in Australia.

Gain a strong understanding of the construction industry and the complete building lifecycle.

Focus on core courses in building processes and technologies, assessment and analysis of structures, construction law, and building regulations and codes.

Benefit from flexible study with the program delivered completely online.

CAREER OPPORTUNITIES

Building surveyor / estimator / construction planner / project manager

PROFESSIONAL ACCREDITATION

This program provides graduates with accreditation as a Building Surveyor with the Australian Institute of Building Surveyors (AIBS) - Level 1 Unrestricted Building Surveyor.

ENTRY REQUIREMENTS

- Bachelor degree in built environment, civil engineering, structural engineering, building surveying, quantity surveying, property, construction management or architecture from a recognised higher education institution: or
- Graduate Certificate in Built Environment (Building Surveying) (ICBE) from the University of South Australia, or equivalent qualification from a recognised higher education institution.

Note: Applicants that have completed bachelor degrees from other relevant disciplines will also be considered on a case by case basis.

ADMISSIONS PATHWAYS

The Graduate Certificate in Built Environment (Building Surveying) (ICBE) provides an entry pathway for applicants who have a minimum six years of relevant industry experience.

PROGRAM STRUCTURE

FIRST AND SECOND SEMESTER

The Constructed Environment Introduction to Construction Law **Building Structures and Materials Building Surveying** Fire Engineering N Development Regulation Asset Management and Building Pathology Advanced Building Surveying

Students complete their studies online and are not required on-campus

Part-time study available

Commonwealth-supported (see page 20 for more info)

Master of

OUANTITY SURVEYING IMOS









ENTRY

| SATAC code | 4CM2O5, 4CM2O6 |
|---------------|----------------|
| Fees | CSP |
| Start date(s) | February, July |

Gain advanced knowledge in financial and project management.

Learn to estimate and monitor construction costs from project feasibility through to completion.

Develop the skills to advise in post-construction activities such as tax depreciation schedules, replacement cost estimation and dispute resolution.

Relate theoretical concepts to workplace applications using real data collected from the construction industry.

Benefit from links to the University's Barbara Hardy Institute bringing together scientists, engineers and social scientists focused on sustainability.

CAREER OPPORTUNITIES

Quantity surveyor / cost manager / estimator / project manager / operations manager / construction economist

ENTRY REQUIREMENTS

- Bachelor degree in construction management or a relevant discipline* from a recognised higher education institution, or equivalent qualification; or
- Graduate certificate or graduate diploma in construction/project management or a relevant discipline* from a recognised higher education institution.

Some applicants may be eligible for Advanced Standing and can complete the program in one year of full-time study, or equivalent part-time study.

*Relevant disciplines typically include architectural studies, interior architecture, civil engineering, built environments and building. Applicants with qualifications in other disciplines are encouraged to apply and will be assessed on a case-by-case basis.

PROGRAM STRUCTURE

FIRST YEAR

Quantity Surveying Practice 2 Principles of Project Management Project Risk Management Project Governance and Ethics

Masters Research Theory and Practice Advanced Quantity Surveying Economic, Social and Environmental

Project Control Methods

SECOND YEAR

Portfolio and Program Management Research Data Analysis NBE Masters Thesis Part A

Construction Claims and Disputes Resolution

Commercial Contract Management NBE Masters Thesis Part B

Master of

PROJECT MANAGEMENT IMPA

NESTED WITH

- Graduate Certificate in Project Management (ICPM)
- Graduate Diploma in Project Management (IGBP)
- Master of Applied Project Management (IMAM) **NEW**







ON-CAMPUS CE 2 PT unisa.edu.au/projectmanagement

ENTRY

| SATAC code | (Master) 4CMOO1, |
|---------------|-----------------------|
| | 4CM15O, 4CM151 |
| | (GradCert) 4GCO5O |
| | (GradDip) 4GDOO1 |
| (M | aster Applied) 4CM2O9 |
| Fees | CSP |
| Start date(s) | February, July |
| | |

Undertake industry-standard studies in project management that can be applied across different industries, businesses and government institutions.

Learn the fundamentals of project management and gain an advanced understanding of risk management, leadership, strategy and international best practice.

Graduate with the skills to apply project management methodologies, work in interdisciplinary project teams, and manage projects from inception to commissioning.

Complete a major integrated research project, which can focus on a real issue within your workplace.

Benefit from coursework based on the industry-standard A Guide to the Project Management Body of Knowledge (PMBoK® Guide).

Fast-track your studies with the new Master of Applied Project Management program, and complete your qualification while you work.

CAREER OPPORTUNITIES

Qualified project managers can work across a wide range of industries, including:

Information technology / construction / engineering / health / defence / finance / mining and resources / biopharmaceuticals / the arts / government / not-for-profit

PROFESSIONAL RECOGNITION

This program is endorsed by the Australian Institute of Project Management (AIPM).

ENTRY REQUIREMENTS

- Bachelor degree or equivalent qualification from a recognised higher education institution; or
- Graduate certificate or graduate diploma in project management, or equivalent qualification, from a recognised higher education institution.

Some applicants may be eligible for Advanced Standing and can complete the program in 1.0 or 1.5 years of full-time study, or equivalent part-time study.

EXTERNAL STUDY

The 1.5 year Master of Applied Project Management program can also be studied online via Open Universities Australia (OUA). For more information visit open.edu.au/courses

PROGRAM STRUCTURE

FIRST YEAR

Principles of Project Management Project Risk Management Procurement and Contract Management Project Governance and Ethics

Project Control Methods Project Leadership and Teams Economic, Social and Environmental Analysis Masters Research Theory and Practice

SECOND YEAR

NBE Masters Research Project Portfolio and Program Management Strategy in Project Organisations

International Project Practices Professional Practice Project Elective 1 Elective 2



SURVEYING LMSV









ENTRY

| SATAC code | 4CM21O |
|---------------|----------|
| Fees | CSP |
| Start date(s) | February |

Build advanced theoretical knowledge and practical skills in land surveying measurements and analysis.

Complete fieldwork and attend study camps focusing on cadastral surveying, GPS surveying, geodetic science and precision positioning.

Train using the latest tools and technologies, and graduate with the necessary skills for leadership in contemporary surveying practice.

Connect with industry through a real-world surveying project in your final year of study.

Take the option to graduate with a diploma-level qualification after just one year of study.

CAREER OPPORTUNITIES

Licensed boundary and engineering surveyors can work in a variety of settings, including:

Construction / government infrastructure projects / mining and resources / local council / agriculture / environmental remediation

PROFESSIONAL RECOGNITION

This program is recognised by the Council of Reciprocating Surveyors Boards of Australia and New Zealand.

Completion of one year in this program provides students with the option to undertake additional industry training in cadastral surveying with the Surveyors Board of South Australia, which will lead to formal licensing.

Completion of the 1.5 year program will result in official credit towards the experience required to become a licensed surveyor.

ENTRY REQUIREMENTS

Bachelor degree or equivalent qualification in a related discipline from a recognised higher education institution with a minimum Grade Point Average (GPA) of 4.5. The qualification must show strength in geospatial science and reside in disciplines such as Geographical Information Systems (GIS), science, environmental science, natural resource management or geography.

Applicants that do not meet the GPA requirements may also be considered for entry based upon three years of full-time relevant work experience. Relevant experience would typically be in the field of engineering or cadastral surveying. These applicants are also required to submit a detailed curriculum vitae.

Note: All applicants must have passed university coursework with the following content:

- Basic and advanced courses in land surveying including GPS
- Earth systems/geology
- Geographical information systems
- Maps and coordinate systems
- Mathematics (preferably engineering mathematics)
- Physics
- Remote sensing
- Urban planning

EXIT POINT

Students can exit after one year of successful study with the award of Graduate Diploma in Surveying.

PROGRAM STRUCTURE

FIRST YEAR

Cadastral Surveying Geodetic Science Remote Sensing: Photogrammetry (KG544. University of Tasmania) Land Law and Administration

Cadastral Surveying Experience Observation and Network Analysis Advanced Satellite Surveying Surveying Applications

SECOND YEAR

Surveying Project 1N

Surveying Project 2

Master of

ENVIRONMENTAL SCIENCE LMEV

NESTED WITH

- Graduate Certificate in Environmental Science (LCES)
- Graduate Diploma in Environmental Science (LGES)







ON-CAMPUS ML 2 PT unisa.edu.au/enviro

ENTRY

| SATAC code | |
|----------------|------------------|
| (Master) 4 | CM163, 4CM2OO |
| (C | radCert) 4GCO83 |
| | (GradDip) 4GD108 |
| Fees (in 2018) | A\$29,400 pa |
| Start date(s) | February, July |
| | |

Develop integrated knowledge in sustainability, natural resources and geospatial sciences.

Further your skills in natural and/or water resources management.

Work with the latest Geographic Information Systems (GIS) and spatial data analysis equipment in state-of-the-art laboratories located on campus.

Complete a major research project that is closely aligned with industry in your final year.

Benefit from links to the University's Barbara Hardy Institute and the Natural and Built **Environments Research Centre.**

RELATED DEGREES

· Master of Engineering (Water Resources Management)

FURTHER STUDY

- · Masters by Research
- Doctor of Philosophy (PhD)

PROGRAM STRUCTURE

FIRST YEAR

Seminar in Sustainability Ecological Economics N Elective 1 Elective 2

Community Partnerships Natural Resource Management Research Theory and Practice Elective 3

SECOND YEAR

Elective 4 Elective 5 NBE Masters Thesis Part A

Flective 6 Elective 7

NBE Masters Thesis Part B

CAREER OPPORTUNITIES

Natural resource manager / environmental manager / environmental adviser / environmental planner / sustainability adviser

ENTRY REQUIREMENTS

Bachelor degree, graduate certificate or graduate diploma in a relevant discipline (typically including science, engineering, environmental studies or management) from a recognised higher education institution, or equivalent qualification.

Some applicants may be eligible for Advanced Standing and can complete the program in one year of full-time study, or equivalent part-time study

Note: Applicants with qualifications in other disciplines are encouraged to apply and will be assessed on a case-by-case basis.

ADMISSIONS PATHWAYS

Applicants that do not meet the entry requirements may be eligible to enter the Graduate Certificate in Environmental Science (LCES) based on an appropriate amount of experience.

RESEARCH

Make a lasting contribution to your field through a research degree

QUALIFICATIONS^{*}

- · Masters by Research: 2 years^
- Doctor of Philosophy (PhD): 4 years^

*study times are approximate and based on a full-time study load.
^in total including examination time. Students must be prepared to submit 3-6 months prior to official completion of their program.

FIND OUT MORE

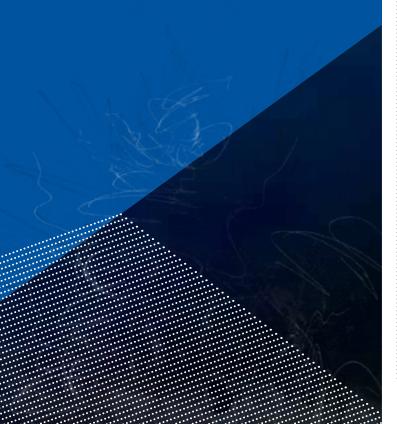
unisa.edu.au/resdegrees

ENTRY REQUIREMENTS

unisa.edu.au/resdegrees-eligibility

HOW TO APPLY

unisa.edu.au/apply



Masters by

RESEARCH LMIE

Doctor of

PHILOSOPHY (PhD) LPHD

DIVISION OF INFORMATION TECHNOLOGY, ENGINEERING AND THE ENVIRONMENT

SCHOOL OF ENGINEERING

SCHOOL OF INFORMATION TECHNOLOGY AND MATHEMATICAL SCIENCES

SCHOOL OF NATURAL AND BUILT ENVIRONMENTS

Contribute to the progress of science and technology by investigating a topic of interest.

Flourish in a technological hub of theoretical, applied and cross-disciplinary research.

Benefit from links to the University's multi-million dollar Future Industries Institute — aimed at transforming the industries of today and seeding the industries of tomorrow

Work alongside world-class supervisors on industry-based projects focused on meeting the challenges of modern enterprise.

DISCIPLINE AREAS

- Applied Physics
- · Bioinformatics
- Biomaterials Engineering and Nanomedicine
- Civil Engineering
- Computer and Information Science
- · Construction Management
- · Electrical Engineering
- Energy and Advanced Manufacturing
- · Environmental Science
- Environmental Science and Engineering
- Geographic Information Science
- Information and Communication Technology
- Mathematics
- · Mechanical Engineering
- Minerals and Resources
- Statistics
- · Systems Engineering

ENTRY REQUIREMENTS

MASTERS BY RESEARCH:

- Bachelor degree of at least three years with a minimum credit average in a relevant discipline; or
- No tertiary qualifications (some discipline areas only) with demonstration of research capabilities via assessment of relevant quality publications and professional experience.

DOCTOR OF PHILOSOPHY (PhD):

 Honours 1, Honours 2A or an appropriate master degree or equivalent.

ALTERNATIVE ENTRY

Other postgraduate and undergraduate degrees may be considered for admission into the Masters by Research or Doctor of Philosophy (PhD) with demonstration of research capabilities via assessment of relevant quality publications and professional experience.

Note: Eligibility for entry into a research program is also subject to an assessment of the proposed research, supervisor availability, and any school or research-specific eligibility requirements.

STUDY AT UniSA - THE BASICS

Minimum entry requirements for undergraduate bachelor and associate degrees

APPLYING WITH YEAR 12

Applicants are required to have successfully completed the South Australian Certificate of Education (SACE) with:

- · a competitive Selection Rank (ATAR); AND
- the fulfilment of the program's prerequisite requirements (where applicable).

Applicants may also be eligible to compete for entry if they have completed the program's prerequisite requirements and have completed 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.

ADJUSTMENT FACTORS

Universities in South Australia include ATAR-related adjustment factors (previously known as bonus points) to Australian high school students applying for entry into university via the following schemes:

- The Universities Equity Scheme provides additional points for students coming from specified schools, as well as individuals experiencing disadvantage.
- The Universities Language, Literacy and Mathematics Adjustment Scheme – provides additional points for students who successfully complete a language other than English, or specified English and Mathematics subjects.

Need some help? Visit unisa.edu.au/adjustmentfactors or contact Future Student Enquiries on (O8) 83O2 2376 or submit an enquiry via unisa.edu.au/enquire

GUARANTEED ENTRY

UniSA offers guaranteed entry into many programs for domestic Year 12 and VET students. If your Selection Rank (ATAR) or VET award meets the UniSA Guaranteed Entry score for that program, you have met the prerequisites and any other program specific entry requirements, and you have listed the program as your first preference, you are in. It's guaranteed.

unisa.edu.au/auaranteed

ADMISSIONS PATHWAYS

Entering your chosen program 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 pathways.

Higher Education Study – 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 Grade Point Average (GPA).

Higher Education Diploma – completion of a higher education diploma, from the UniSA College (applicable programs listed on each bachelor program in this guide), the South Australian Institute of Business and Technology (SAIBT), or another recognised higher education institution.

Special Entry – a competitive Special Tertiary Admissions Test (STAT) score. A personal competencies statement or employment experience may also be considered for some programs.

Vocational Education Training (VET) – applicants may be eligible for entry with the completion of an award from TAFE or another Registered Training Organisation at AQF Certificate IV or above.

UniSA College – there are a variety of pathway options offered through UniSA College including diplomas and the Foundation Studies program.

Alternative Pathways – there are a range of alternative pathways including bridging qualifications offered through SAIBT and Eynesbury.

Open Universities Australia – completion of at least four Open Universities Australia (OUA) courses at an undergraduate level or higher.

unisa.edu.au/pathways

BEFORE APPLYING

All applicants should check and ensure that they meet all entry and prerequisite requirements before applying. For more information on entry requirements, visit:

unisa.edu.au/study

SUPPORT SERVICES

UniSA offers services to assist rural and/or socio-economically disadvantaged students, Aboriginal and Torres Strait Islander people, and people with a disability. For more information, contact (O8) 83O2 2376 or visit:

unisa.edu.au/studentservices

SCHOLARSHIPS

UniSA offers a range of scholarships and grants to support students from all walks of life. Each year, 2500 students benefit from scholarships at UniSA, providing financial assistance as well as valuable work experience, mentoring opportunities and even overseas travel. For more information and to check the eligibility criteria, visit:

unisa.edu.au/scholarships

HOW TO APPLY TO THE UNIVERSITY OF SOUTH AUSTRALIA

Applications to most programs at UniSA are administered through the South Australian Tertiary Admission Centre (SATAC). For more information visit:

unisa.edu.au/apply

FEES

All domestic undergraduate students at the University of South Australia 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.

| BAND | AREA OF STUDY | STUDENT CONTRIBUTION For one year of full-time load (1 EFTSL) |
|------|---|--|
| 1 | Humanities, behavioural science, social studies, foreign languages, visual and performing arts, clinical psychology, nursing and education | \$6,444 |
| 2 | Computing, built environment, health, engineering, surveying, agriculture, Mathematics, statistics, science | \$9,185 |
| 3 | Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce | \$10,754 |

Some postgraduate programs are also Commonwealth-supported (or CSP), while others are full fee-paying (the fees for these are listed on each applicable program in this guide and are based on an equivalent full-time student load). For more information on fees including eligibility for Commonwealth-supported places, deferring your student contribution through HECS-HELP, FEE-HELP loans, or fee information relating to international students please visit:

unisa.edu.au/fees



ACADEMIC insight

"It's a real positive that all students get exposed to 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 / PROGRAM DIRECTOR: ENVIRONMENTAL SCIENCE AND GEOSPATIAL SCIENCE / SCHOOL OF NATURAL AND BUILT FNVIRONMENT

Award Recipient: Australian Government Citations for Outstanding Contributions to Student Learning

Stay in touch

Sign up to receive updates directly to your inbox and keep up to date with the latest information including:

Invitations to career events and information sessions / competition alerts / insights into life on campus from students and teachers / updates on new degrees / scholarship opportunities / breaking industry and career news

unisa.edu.au/stayintouch



Our events give you the opportunity to ask questions about different degrees and careers, take a tour around campus, attend presentations, and talk to current staff and students.

Unisa Open Day

Sunday 12 August / 9:00am-4:30pm / City West Campus and City East Campus

CAMPUS DAYS

Magill@Twilight

Wednesday 29 August / 4:OOpm-8:OOpm / Magill Campus

Mawson Lakes Campus Day

Tuesday 28 August / 4:OOpm-7:3Opm / Mawson Lakes Campus

Mount Gambier Open Day

Sunday 5 August / 11:00am-4:00pm / Mount Gambier Campus

Whyalla Open Day

Sunday 26 August / 11:00am-3:00pm / Whyalla Campus

unisa.edu.au/openday



Acknowledgement of Country

UniSA respects the Kaurna, Boandik and Barngarla peoples' spiritual relationship with their country. We also acknowledge the diversity of Aboriginal peoples, past and present.

Find out more about the University's commitment to reconciliation at unisa.edu.au/RAP



unisa.edu.au

Telephone: (O8) 83O2 2376

Make an enquiry: unisa.edu.au/enquire

youtube.com/unisouthaustralia

f facebook.com/UniSA

y twitter.com/UniversitySA

instagram.com/universitysa

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CRICOS provider number OO121B

For information specific to international students, please visit unisa.edu.au/international

Australia's University of Enterprise