YOUR CAREER STARTS AT UniSA

By 2022, careers in natural and physical science are projected to increase by more than 10%.

A global leader in renewable technology, South Australia’s large-scale renewable energy projects have attracted an investment of $2.85 billion.


Construction jobs in South Australia have grown by more than 20% over the past 10 years, with a further 9.8% increase expected by 2023.

Explore the fascinating world of science and the natural and built environments. Contribute to a better tomorrow through new discoveries and by building new foundations. Learn about science in its many forms, study the interaction between people and the natural landscape, or focus on the construction and development of built environments. Support improved environmental and sustainability outcomes through studies in water resources, surveying, geographic information systems, construction management, earth sciences, and applied physics.

unisa.edu.au/study

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

QILT Graduate Outcomes Survey Course Experience Questionnaire
2016–18 – Full-time Employment and Teaching Quality Indicators
(Undergraduate). Public SA-founded universities only.

ONLY UNIVERSITY IN SA TO OFFER
UNDERGRADUATE DEGREES IN
CONSTRUCTION MANAGEMENT

WELL-ABOVE WORLD
STANDARD RESEARCH
IN ENVIRONMENTAL SCIENCE
AND MANAGEMENT

2015 Excellence in Research for Australia (ERA)

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SCIENCE AND THE ENVIRONMENT

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A searing VR experience

South Australian residents in fire-prone areas are receiving major assistance with their emergency planning thanks to a virtual reality (VR) initiative developed at UniSA.

Partnering with the Country Fire Service (CFS), UniSA PhD student Safa Molan developed a computer-generated bushfire scenario that replicated typical fire conditions in the Adelaide Hills.

By using the VR headset, residents can safely experience the pressures of implementing their bushfire emergency plans, and understand the ramifications of choosing to evacuate or stay put. They can also use the VR experience to create or update their bushfire survival plan.

Feedback from participants will give the CFS a better understanding of how different people react in a fire situation, and lead to better communication and safety outcomes for those living in fire-prone areas.

LEARN WITH SMART TECHNOLOGY

Access industry-standard 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 SA 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 TESTBED FOR RENEWABLES

UniSA is committed to a renewable energy future, and you can see it in action when you study at Mawson Lakes Campus. We are transforming the campus into a national renewables testbed with the construction of a new $7.7 million renewable energy facility. Once complete, the campus will boast solar panels on 18 buildings, a thermal energy storage unit, and one of the largest rechargeable batteries of any Australian university.

BECOME A SCIENCE TEACHER

The renewed focus on science, technology, engineering and maths (STEM) within the Australian curriculum means there’s never been a better time to become a science teacher. Package your science degree with a Master of Teaching (Secondary) and get the qualifications to teach up to Year 12.

unisa.edu.au/become-a-teacher
HARNESSING THE POWER OF SUNSHINE

South Australia is a global leader in renewable technology and UniSA is at the forefront when it comes to developing and testing new methods of energy production. Partnering with Heliostat SA, we developed a solar power research field featuring 25 heliostats – large, reflective glass panels that concentrate solar energy to generate electricity. This research field is enabling trials of new technology, including heliostats that feature a plastic mirror, which are cheaper and more durable than glass ones. This ground-breaking research aims to maximise efficiency in capturing the sun’s rays and converting energy to electricity.

REVOLUTIONARY RESEARCH

Our research is focused on improving industry productivity, advancing society and creating new global knowledge. These powerful results are delivered through strong and collaborative partnerships with end-users. The construction industry is rapidly changing, with more technically complex structures and buildings forming our urban landscape. Our natural and built environment researchers are helping to transform the industry through a cloud platform that links the physical components of a building with virtual models. This model allows users to adapt and change existing building parts for re-use elsewhere, reducing greenhouse gas emissions and building waste.
Become a global citizen

Develop the skills you need to work internationally and increase your career opportunities by studying a second language. Learn French, Italian, Japanese or English (as an Additional 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. Graduate with an additional qualification by studying the diploma alongside your undergraduate degree.

unisa.edu.au/languages

Experience student life

Enjoy life beyond the classroom by getting involved in campus culture. Connect with new people at O-Week, keep active with UniSA Sport and on-campus fitness centres, or find your tribe with over 100 student clubs to choose from. Discover our wide range of events throughout the year and connect with our student association, USASA.

unisa.edu.au/studentexperience

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, and walk in to one of our drop-in centres on campus for general careers advice.

unisa.edu.au/careers

“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 | Program Director: Environmental Science, School of Natural and Built Environment
Award Recipient: Australian Awards for University Teaching (AAUT) Citation for Outstanding Contributions to Student Learning and ABC Radio National Top 5 Under 40

No.1 YOUNG UNIVERSITY IN AUSTRALIA FOR TEACHING QUALITY

2018 THE Young University Rankings SA-founded universities only
PRACTICAL LEARNING
UniSA offers over 200 world-class degrees across a wide range of discipline areas. You will learn in a highly practical environment. Take the opportunity to complete an internship or placement during your studies, learning from experts in a real-world setting. Build your networks and graduate career-ready with the skills required of tomorrow’s professionals.

TOP RANKING TEACHERS
Make your study experience relevant and learn from highly qualified academics and industry professionals. In fact, UniSA is Australia’s best young university for teaching quality (2018 THE Young University Rankings).

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 into the workplace. This includes state-of-the-art laboratories, collaborative learning areas, creative studios, workshops and simulation spaces.

GET CONNECTED
with Australia’s University of Enterprise

No.1 IN SA FOR EMPLOYER SATISFACTION
QILT: 2018 Employer Satisfaction Survey, Overall Satisfaction Indicator – National Report
PRACTICAL LEARNING
UniSA offers over 200 world-class degrees across a wide range of discipline areas. You will learn in a highly practical environment. Take the opportunity to complete an internship or placement during your studies, learning from experts in a real-world setting. Build your networks and graduate career-ready with the skills required of tomorrow’s professionals.

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POWERFUL PARTNERSHIPS
We collaborate with over 2,500 companies worldwide to bring our students placement, project, research and work opportunities. Connect with industry professionals during your studies and benefit from curriculum informed by the latest industry practices.

REAL RESEARCH
Our research is innovative and inspired by challenges. We produce new knowledge that provides solutions to industry, businesses and the wider community. Explore cutting-edge insights in your chosen degree, influenced by our world-class research outcomes.

“...in today’s world, we need flexible and adaptable degrees that reflect the changing global landscape. Studying a science degree gives you the flexibility to focus on areas that interest you most and apply them to a professional or research career. Learn to create new knowledge, inspire innovation and lead advancements behind a better society.”

Paul Corcoran | Program Director, Environmental and Geospatial Sciences, School of Natural and Built Environment
Award Recipient: Asia Pacific Spatial Excellence Awards (SA chapter) for Education Development.
GETTING TO CAMPUS

Jump on the tram

Take advantage of the new city tram service operating along North Terrace for a convenient ride between City East and City West campuses or stop at other destinations along the way. Visit the Adelaide Metro website for more information.

adelaidemetro.com.au
Campus Connector

We run a free bus service between Magill and Mawson Lakes campuses to make travelling easier for students who need to make the journey, or live in surrounding suburbs. There is even free Wi-Fi on board! Go online for full timetable and route details.

unisa.edu.au/campusconnector
“While on a holiday driving around Australia I saw beautiful landscapes and diverse ecosystems. This inspired my desire to understand how ecosystems work and how best to conserve them, and I went on to study environmental science.”

Angus Droogan-Turniski, environmental science graduate
UNDERGRADUATE

Your tertiary learning and career starts with undergraduate study.

To explore our 200+ degrees, visit unisa.edu.au/study

To learn more about how to apply, visit unisa.edu.au/apply

Note: Published Selection Rank scores are indicative of February 2019 cut-offs.

UNDERGRADUATE DEGREES

To become a science teacher.

Package this degree with a Master of Teaching

YOU MIGHT ALSO LIKE

- Bachelor of Environmental Science
- Bachelor of Health Science (Public Health)
- Bachelor of Mathematics (Industrial and Applied Mathematics)
- Bachelor of Primary Education (Honours)

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- Bachelor of Health Science (Public Health)
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- Bachelor of Primary Education (Honours)

SCIENCE

Bachelor of Science

unisa.edu.au/science

Program Code:

• Bachelor of Science
• Bachelor of Primary Education
• Bachelor of Mathematics
• Bachelor of Environmental Science

Further Study:

- Bachelor of Science (Honours) – one year
- Master of Teaching (Secondary)

Degree Structure:

FIRST YEAR
- Professional and Technical Communication
- Science Major A – course 1
- Science Major B – course 1
- Elective 1

SECOND YEAR
- Science Major A – course 2
- Science Major B – course 2

THIRD YEAR
- Science Major A – course 6
- Science Major A – course 7
- Science Major B – course 6
- Elective 5

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

CAREERS

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

Research laboratories / medical and pharmaceutical industries / manufacturing / environmental management / food development / geographic information systems / mining and energy / information technology / defence science / meteorology / teaching (with further study)

You might also like

- Bachelor of Environmental Science
- Bachelor of Health Science (Public Health)
- Bachelor of Mathematics (Industrial and Applied Mathematics)
- Bachelor of Primary Education (Honours)

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- Bachelor of Science (Honours) – one year
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- Bachelor of Environmental Science
- Bachelor of Health Science (Public Health)
- Bachelor of Mathematics (Industrial and Applied Mathematics)
- Bachelor of Primary Education (Honours)

Further Study:

- Bachelor of Science (Honours) – one year
- Master of Teaching (Secondary)
Focus on advanced study and research in a range of science disciplines through a one-year honours program. Explore areas such as nano- 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 relevant academics, student peers and relevant industry and government stakeholders.

Access the multimillion-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 prospects 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 students who have successfully completed a bachelor’s degree in a relevant discipline and have displayed a high level of academic achievement throughout their degree, typically a credit level average or above.
- Relevant disciplines typically include science, technology, engineering or environmental studies. Applicants with qualifications in other disciplines are encouraged to apply and will be assessed on a case-by-case basis.

FURTHER STUDY
- Masters by Research
- Doctor of Philosophy (PhD)

DEGREE STRUCTURE
FIRST YEAR
- Research Theory and Practice
- Advanced Topics in Science 1
- Advanced Topics in Science 2
- AND Elective
- Honours Research Project 1

Honours Research Project 2

Bachelor of Science (Honours)

unisa.edu.au/science

DEGREE STRUCTURE
FIRST YEAR
- Biodiversity for the Environment
- Earth Systems
- Environment: A Human Perspective
- Introduction to Surveying and Spatial Sciences
- Environmental Analytical Methods
- Spatial Data Acquisition and Analysis
- Environmental Chemistry
- Sustainable Ecosystems

SECOND YEAR
- Caring for Country Ecology
- Environmental Interpretation and Community Engagement
- Elective 1
- Soils in the Australian Landscape
- 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
- NEXT Ignite

MINOR IN BIODIVERSITY AND EARTH SYSTEMS
SECOND YEAR
- Conservation Biology
- Engineering and Environmental Geology

THIRD YEAR
- Restoration Ecology
- Environmental Monitoring

CONSTRUCTION MANAGEMENT

Bachelor of Construction Management

unisa.edu.au/construction

DEGREE STRUCTURE
FIRST YEAR
- Advanced Topics in Science 1
- Advanced Topics in Science 2
- AND Elective
- Honours Research Project 1

Honours Research Project 2

Focus on advanced study and research in a range of science disciplines through a one-year honours program. Explore areas such as nano- 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 relevant academics, student peers and relevant industry and government stakeholders.

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FURTHER STUDY
- Masters by Research
- Doctor of Philosophy (PhD)

DEGREE STRUCTURE
FIRST YEAR
- Research Theory and Practice
- Advanced Topics in Science 1
- Advanced Topics in Science 2
- AND Elective
- Honours Research Project 1

Honours Research Project 2
“The degree structure enabled me to undertake work experience in the construction industry, while also maintaining a full-time study load. This helped me to understand industry best practice and make connections between theoretical concepts and real life examples.”

Tom Whitney, construction management graduate
DEGREE STRUCTURE

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

Second Year
Construction Environment Safety
Construction Environment Science
Building Surveying
Construction Operations and Safety
Advanced Contract Administration
Fire Engineering N
Sustainable Construction

THIRD YEAR
Project Appraisal
Construction Environmental Science
Building Surveying
Construction Operations and Safety
Advanced Contract Administration
Fire Engineering N
Sustainable Construction

DEGREE 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
Project Appraisal
Construction Environmental Science
Building Surveying
Construction Operations and Safety
Advanced Contract Administration
Fire Engineering N
Sustainable Construction

CAREERS

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

YOU MIGHT ALSO LIKE

• Bachelor of Engineering (Honours) (Civil and Construction Management)
• Bachelor of Architectural Studies
• Bachelor of Business (Property)

FURTHER STUDY

• Graduate Diploma in Built Environment (Building Surveying)
• Master of Applied Project Management
• Master of Applied Project Management (Contract Management)

STUDY ON DEMAND

Study a 100% online construction management degree designed specifically for flexible learning. Prepare for a career in the construction industry focusing on residential and low-rise buildings. Learn modern construction and project management techniques and gain a holistic understanding of the entire project lifecycle, then go on to pursue your career goals in construction project management, quantity surveying or building surveying. Benefit from a degree developed in collaboration with industry bodies such as the Australian Institute of Building, Australian Institute of Building Surveyors, Australian Institute of Quantity Surveyors and the Royal Institution of Chartered Surveyors. Access online support services seven days a week, view learning resources 24/7 and log in to the interactive online environment anywhere, anytime, and on any device. Benefit from flexible study with no need to attend lectures or come on campus – all courses and assessments are delivered online. Scholarships and grants are also available for eligible students.

CAREERS

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

CHECK YOUR CREDIT

Fast-track your degree and receive credit for past study and/or work experience.

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

Apply directly at unisaonline.edu.au or call 1800 531 962

100% ONLINE

Bachelor of Construction Management

unisaonline.edu.au/construction-management

100% online

Unisa Online

3 years full-time

How to apply: Jan, Apr, Jul, Sept

Program Code: XBBE

Time commitment: 10–15 hours per week per course

Pathways: Literacy and Numeracy Test with relevant work experience (Unisa Online); Foundation Studies or Diploma in Construction (Unisa College)

Prerequisites: none

Assumed Knowledge: none

New

Bachelor of Construction Management (Honours)

unisa.edu.au/construction

City East Campus
On-campus/Online

4 years full-time

Intakes: Feb, Jul

Program Code: IHCN | SATAC Code: 414021

UniSA College Pathways: Foundation Studies or Diploma in Construction

Prerequisites: none

Assumed Knowledge: none

Study South Australia’s only honours degree combining construction management, quantity surveying and building surveying. Learn about the fundamentals of construction, including building technology and building structures. Develop your knowledge in contract administration, development regulation and development economics. Tailor your studies by choosing to focus on two key specialisation areas in your final year, including Quantity Surveying, Building Surveying or Construction Management. Gain valuable practical experience by completing an industry placement and a major research project focusing on a real-world challenge. Graduate with a degree that is accredited by the Australian Institute of Building and be eligible to apply for corporate membership. You will also be able to apply for membership with the Royal Institute of Chartered Surveyors (UK). Students who have completed the final year specialisation in Quantity Surveying will also be eligible to apply for corporate membership with the Australian Institute of Quantity Surveyors.

Note: Students that successfully complete the three-year Bachelor of Construction Management (XBBE) can also transfer directly into the fourth and final year of this program. Eligibility criteria applies.

STUDY ON DEMAND

Study South Australia’s only honours degree combining construction management, quantity surveying and building surveying. Learn about the fundamentals of construction, including building technology and building structures. Develop your knowledge in contract administration, development regulation and development economics. Tailor your studies by choosing to focus on two key specialisation areas in your final year, including Quantity Surveying, Building Surveying or Construction Management. Gain valuable practical experience by completing an industry placement and a major research project focusing on a real-world challenge. Graduate with a degree that is accredited by the Australian Institute of Building and be eligible to apply for corporate membership. You will also be able to apply for membership with the Royal Institute of Chartered Surveyors (UK). Students who have completed the final year specialisation in Quantity Surveying will also be eligible to apply for corporate membership with the Australian Institute of Quantity Surveyors.
UNDERGRADUATE DEGREES

Bachelor of Construction Management (Honours)

unisaonline.edu.au/construction-management-honours

100% online

UnISA Online

4 years full-time

Intakes: Jan, Apr, Jul, Sept

✓ part-time study available

PROGRAM CODE: XHCM

Time commitment: 10–15 hours per week per course

Pathways: Literacy and Numeracy Test with relevant work experience (UniSA Online); or Foundation Studies or Diploma in Science and Technology (UniSA College)

STUDY ON DEMAND

Study a 100% online construction management honours degree designed specifically for flexible learning. Study a four-year professional degree that will prepare you for future leadership and managerial roles in the building and construction industry. Develop the technical and practical skills to manage large-scale commercial, infrastructure and residential projects. Choose to specialise in one of three high-growth areas in construction project management, quantity surveying or building surveying in your final year. Study a degree developed in collaboration with industry bodies such as the Australian Institute of Building, Australian Institute of Quantity Surveyors, Australian Institute of Building Surveyors, Australian Institute of Quantity Surveyors and the Royal Institution of Chartered Surveyors.

Access online support services seven days a week, view learning resources 24/7 and log in to the interactive online environment anywhere, anytime, and on any device. Benefit from flexible study with no need to attend lectures or come on campus – all courses and assessments are delivered online. Scholarships and grants are also available for eligible students.

CAREERS

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

CHECK YOUR CREDIT

Past-track your degree and receive credit for past study and/or work experience.

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

Apply directly at unisaonline.edu.au or call 1800 531 962

DEGREE STRUCTURE

FIRST YEAR

Critical Approaches to Online Learning
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
Project Appraisal
Construction Environmental Science
Construction Operations and Safety
Fire Engineering
Building Surveying
Advanced Contract Administration

FOURTH YEAR

Advanced Contract Administration

Languages

Diploma in Languages
unisa.edu.au/languages

Explore your interests or advance your career by learning another language. Study the Diploma in Languages alongside your undergraduate degree or as a standalone postgraduate qualification. Learn French, Italian, Japanese or English (as an Additional Language). Access the Multimedia Languages Lab at Magill Campus, where you can connect with native speakers from around the world in real-time. Develop your proficiency in listening, speaking, reading and writing in your chosen language, along with your understanding of the related culture and society. Take the opportunity to study in the country of your chosen language through our exchange or in-country study programs.

ENTRY REQUIREMENTS

• This program is open to all students who have completed or are enrolled in a bachelor degree at the University of South Australia or any other Australian university.
• This program is also open to students who have completed or are currently enrolled in a bachelor or master degree, or equivalent qualification, from an approved higher education institution outside of Australia.
• For postgraduate students, this program can be completed as a standalone qualification.

DEGREE STRUCTURE

INDICATIVE OF FRENCH STUDIES

FIRST YEAR

French 1A

SECOND YEAR

French 2A

THIRD YEAR

French 3A

Fourth Year

European Languages In-Country OR Advanced Languages Studies: Translation and Research
POSTGRADUATE

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

To explore our 200+ degrees, visit unisa.edu.au/study

To learn more about how to apply, visit unisa.edu.au/apply

BUILDING SURVEYING

Graduate Diploma in Built Environment (Building Surveying)

Nested with:
- Graduate Certificate in Built Environment (Building Surveying) (ICBE)
- Master of Surveying

unisa.edu.au/construction

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

DEGREE STRUCTURE

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

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. This program is also only available through part-time study.

Note: After one year of study in this program, students will have the option to undertake additional industry training in cadastral surveying with the Surveyors Board of Australia, which will lead to formal licensing. After 1.5 years, students will receive official credit towards the experience required to become a fully-licensed surveyor.

CAREERS
Surveyors can work in a variety of settings, including:
- Major construction / government infrastructure projects / mining and resources / local council / agriculture / environmental remediation / exploration

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.
- All applicants must have passed university coursework that includes basic and advanced courses in land surveying including GPS, earth sciences/geology, geographical information systems; maps and coordinate systems; mathematics (preferably engineering mathematics); physics; remote sensing; and urban planning.

LAND SURVEYING

Master of Surveying

unisa.edu.au/construction

DEGREE STRUCTURE

FIRST YEAR
Cadastral Surveying
Geodetic Science
Remote Sensing: Photogrammetry (KGG544. University of Tasmania)
Survey Computations B (SVY2105. University of Southern Queensland)

SECOND YEAR
Cadastral Surveying Experience
Land Law and Administration
GNSS and Advanced Surveying Technologies
Surveying Applications

Note: All applicants must have a related discipline from a recognised higher education institution, or cadastral surveying. These applicants are also required to submit a detailed curriculum vitae.

CAREERS

Building surveyor / estimator / construction planner / project manager / site manager / real estate developer
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.

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

DEGREE STRUCTURE

FIRST YEAR

- Arid Land Environments
- Valuing the Environment
- Elective 1
- Elective 2
- Community Partnerships
- Natural Resource Management
- Environmental Impact Assessment
- Elective 3
- NBE Masters Research
- Elective 4
- Elective 5
- Elective 6

SECOND YEAR

- Masters Research Theory and Practice
- Engineering and Environmental Masters Design Project
- Elective 7
- NBE Masters Research
- Elective 8
- Elective 9

Develop advanced and integrated knowledge in sustainability, natural resources and geospatial sciences. Designed for environmental scientists and managers, this qualification will help further your expertise in natural and water resources management. Explore the theory and practice of managing and sustaining our natural and built environment through core courses and advanced electives. Build your understanding of managing resources within a sustainability framework, applying systems thinking, spatial data management and analysis, and complex project management. Complete a major industry research project, focusing on a real-world issue or challenge. Engage with world-class researchers in the School of Natural and Built Environments and the Future Industries Institute to undertake a research project with a focus on water resources, ecology, soil sciences or environmental management.

CAREERS

- Natural resource manager
- Environmental manager
- Environmental management consultant
- Environmental planner
- Sustainability adviser
- Environmental policy adviser
- Environmental scientist
- Project manager
- Researcher

“Environmental management is key to a sustainable future, especially in urban areas, and I want to be part of that. The classes are really interesting and relevant to our modern world.”

Claire Moine, environmental management graduate
“UniSA brings together like-minded individuals who are passionate about lifelong learning. I believe that project management is an important area of study, and continuing education enhances professional skills, project outcomes and productivity.”

Alison Boag, project management graduate
PROJECT MANAGEMENT

Master of Applied Project Management

Degrees:
- Master of Applied Project Management
- Master of Applied Project Management (Contract Management)

Nested with:
- Graduate Certificate in Project Management (ICPM)
- Graduate Diploma in Project Management (IGBP)

unisa.edu.au/projectmanagement

Fast-track your studies in project management by studying a 1.5 year program where you will develop fundamental knowledge that can be applied across a wide variety of sectors. Develop an advanced understanding of risk management, leadership, strategy and international best practice. Graduate with the skills to apply effective project management methodologies, work in multi-disciplinary teams and manage projects from inception to delivery and evaluation. Complete a major integrated research project, which can focus on a real issue or challenge within your workplace. Benefit from highly practical coursework based on the industry-endorsed A Guide to the Project Management Body of Knowledge (PMBoK® Guide). You can also choose to specialise in Contract Management, the only specialisation of its kind in Australia, focused on understanding, negotiating and administering contracts. Graduate with a degree endorsed by the Australian Institute of Project Management (AIPIPM). Benefit from flexible learning, with the program also available online through Open Universities Australia (OUA), and the option to specialise in defence.

RESEARCH

Make a positive and lasting contribution to your field through a research degree.

To explore our research degrees, visit unisa.edu.au/resdegrees
To learn more about how to apply, visit unisa.edu.au/apply

CAREERS

Qualified project managers can work across a wide range of industries, including:
- Information technology / construction / engineering / health / defence / finance / mining and resources / pharmaceuticals / the arts / government / not-for-profit / education / marketing

ENTRY REQUIREMENTS
- Bachelor degree from a recognised higher education institution, or
- Graduate certificate or graduate diploma in project management from a recognised higher education institution.

DEGREE 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
- Masters Research Theory and Practice

SECOND YEAR
- Strategy in Project Organisations
- Portfolio and Program Management
- NBE Masters Research 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.

Masters by Research

Doctor of Philosophy

DIVISION OF INFORMATION TECHNOLOGY, ENGINEERING AND THE ENVIRONMENT

- School of Engineering
- School of Information Technology and Mathematical Sciences
- School of Natural and Built Environments

 ENTRY REQUIREMENTS

- Bachelor degree of at least three years in a relevant discipline with a minimum credit average; or
- Honours 1, Honours 2, Honours 3 or an appropriate master's degree or equivalent qualification; or
- No tertiary qualifications (some discipline areas only) with demonstration of research capabilities via assessment of relevant quality publications and professional experience.

DISCIPLINE AREAS

- Applied Physics
- Bioinformatics
- Biomedical 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

- Equivalent qualification.

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.

Eligibility for entry into a research degree is subject to an assessment of the proposed research, supervisor availability, and any University or research-specific eligibility requirements.

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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 fulfillment 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) for 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.
unisa.edu.au/adjustmentfactors

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. Please note application timelines may apply.
unisa.edu.au/guaranteed

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 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 relevant 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 a full range of support services, including career advice, disability and inclusion services, and counselling. For more information, contact (08) 8302 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, 2,500 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
Applications to most programs at UniSA are administered through the South Australian Tertiary Admission Centre (SATAC). For more information, visit:
unisa.edu.au/apply
For UniSA Online degrees apply directly at, unisaonline.edu.au

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.

As per the Australian Government guidelines, the student contribution amounts for 2019 are:

<table>
<thead>
<tr>
<th>BAND</th>
<th>AREA OF STUDY</th>
<th>STUDENT CONTRIBUTION For one year of full-time load (1EFTSL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Humanities, behavioural science, social studies, foreign languages, visual and performing arts, arts management, nursing and education</td>
<td>$6,566</td>
</tr>
<tr>
<td>2</td>
<td>Computing, built environment, health, engineering, surveying, agriculture, Mathematics, statistics, science</td>
<td>$9,559</td>
</tr>
<tr>
<td>3</td>
<td>Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce</td>
<td>$10,958</td>
</tr>
</tbody>
</table>

Some postgraduate programs are also Commonwealth-supported (or CSP), while others are full fee-paying, this is listed on applicable programs. For programs under 1.0 year full-time study, fees are listed as the whole program fee (indicative of 2019). For programs over 1.0 years full-time study, fees are listed based on the cost per annum (indicative of 2019). For more information on fees including eligibility for Commonwealth-supported places, deferring your student contribution through HECS-HELP or FEE-HELP loans, please visit:
unisa.edu.au/fees

Need some help? Contact Future Student Enquiries on (08) 8302 2376 or submit an enquiry via unisa.edu.au/enquire
Open Universities Australia (OUA) courses at an undergraduate level or higher. – there are a range of alternative pathways through UniSA College, including diplomas and the Foundation Training Organisation at AQF Certificate IV or above. Vocational Education Training (VET) – applicants may be eligible for experience may also be considered for some programs.

Special Entry education institution. Business and Technology (SAIBT), or another recognised higher bachelor program in this guide), the South Australian Institute of Higher Education Diploma (applicable programs listed on each education institution. You can apply using your Grade Point Average (GPA). – completion of at least half a year of Higher Education Study – there are guaranteed entry into UniSA. Applicants may also meet the minimum study at UniSA or a recognised higher education institution. You can apply using your Grade Point Average (GPA).– completion of at least half a year of Higher Education Study – there are a variety of pathway options offered

Minimum entry requirements for undergraduate bachelor and associate degrees – completing the program’s prerequisite requirements and have successfully completed the South Australian Tertiary Admission Centre (SATAC). For more information on UOA pathways, visit: unisa.edu.au/pathways

GUARANTEED ENTRY – applicants may also be eligible to compete for entry if they have

Adjustment Scheme

The Universities Language, Literacy and Mathematics (previously known as bonus points) for Australian high school studentsUniversities in South Australia include ATAR-related adjustment factors – provides additional points for students experiencing disadvantage. – there are a range of alternative pathways through UniSA College, including diplomas and the Foundation Training Organisation at AQF Certificate IV or above. Vocational Education Training (VET) – applicants may be eligible for experience may also be considered for some programs.

Special Entry education institution. Business and Technology (SAIBT), or another recognised higher bachelor program in this guide), the South Australian Institute of Higher Education Diploma (applicable programs listed on each education institution. You can apply using your Grade Point Average (GPA). – completion of at least half a year of Higher Education Study – there are guaranteed entry into UniSA. Applicants may also meet the minimum

ADJUSTMENT FACTORS – completion of at least half a year of

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

UniSA OPEN DAY
Sunday 18 August / 9:00am–4:30pm
City West and City East Campus

CAMPUS DAYS
Magill Campus Day
Wednesday 28 August / 4:00pm–8:00pm
Mawson Lakes Campus Day
Tuesday 27 August / 4:00pm–7:30pm
Mount Gambier Campus Day
Sunday 11 August / 11:00am–4:00pm
Whyalla Campus Day
Sunday 25 August / 11:00am–3:00pm

MOD / A futuristic museum of discovery that offers immersive experiences to the public through dynamic exhibition programs across six gallery and two studio spaces. Discover more at unisa.edu.au/MOD

Stay in touch
Sign up to receive email updates about career events and information sessions, competitions, scholarship opportunities and what’s happening on campus.

unisa.edu.au/stayintouch

MOR / A futuristic museum of discovery that offers immersive experiences to the public through dynamic exhibition programs across six gallery and two studio spaces. Discover more at unisa.edu.au/MOD

FEES

For UniSA Online degrees apply directly at, unisa.edu.au/unisaonline

unisa.edu.au/unisasport

unisa.edu.au/accommodation

unisa.edu.au/stayintouch

unisa.edu.au/JSB

unisa.edu.au/USASA
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April 2019
CRICOS provider number 00121B
For information specific to international students, please visit unisa.edu.au/international

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

Australia's University of Enterprise

unisa.edu.au
Telephone: (08) 8302 2376
Make an enquiry: unisa.edu.au/enquire