



THE UNIVERSITY
of ADELAIDE

Agriculture, Food and Wine
Animal and Veterinary Sciences
Biomedical Science and Biotechnology
Earth and Environmental Sciences
Sciences

Undergraduate

2020 SCIENCES

adelaide.edu.au



Ranked in top 1% of universities worldwide*



Associated with 5 Nobel Prize winners



Produced over 100 Rhodes Scholars



Go8

Member of Group of Eight[^]



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WHY THE UNIVERSITY OF ADELAIDE?

Future confidence. Global opportunity.

Our world is changing fast. Many of the jobs our current generation will perform in the future do not yet exist. But the ideal preparation for them does. Informed by cutting-edge research and ongoing industry collaboration, a University of Adelaide education gives students the flexibility to adapt and thrive. Wherever their careers take them, they'll be ready.

And rest assured, their options will be many. The University of Adelaide is South Australia's global university—consistently holding the highest world ranking and collaborating with top-performing businesses and educational institutions across multiple continents. This opens doors for our graduates virtually everywhere.

A wealth of professional opportunity, however, is just one of the rewards we offer. University of Adelaide students also benefit from the deep inspiration

that can only come from a culture of sustained excellence. Our research, and that of our alumni, has enhanced life for people and planet for well over 100 years, and played a role in many of the world's great advances. Among these are the discoveries of penicillin, x-ray crystallography and gravitational waves.

Equally importantly, we have a proud history of championing equality. Adelaide was the first university in Australia—and only the second in the world—to admit women to academic courses. We've educated two Indigenous Australian Rhodes Scholars and we count among our alumni Australia's first female prime minister and Supreme Court judge.

There's no better place for students to prepare for their futures.

**Times Higher Education and QS rankings*

^ A coalition of Australia's leading research intensive universities

WHY SCIENCE?

It's an exciting time to embark on study in science.

Already one of the world's fastest growing sectors, science is predicted to bring more human progress in the next 50 years than the previous 400 combined—and today's students will drive that change.

Scientific breakthroughs and advances are happening at lightning speed. Yet complex world challenges continue to present themselves just as quickly. Future scientists will need to think creatively to solve them.

Some are global issues, such as the need to find new energy sources to reduce the impact of climate change, or the need to sustainably and ethically meet the world's reliance on animal-based diets. Others are at a more local level, like coming up with eco-friendly winemaking practices or using scientific knowledge to influence policy decisions.

Even solutions to problems that seem far removed from the ordinary person begin with following scientific curiosity after asking questions like 'Why?' or 'How?'.

Future scientist, world problem solver

Scientists' crucial role in our world's future is well recognised. We know that 75% of future jobs will need science, technology, engineering and maths skills, making science graduates extremely employable.*

The University of Adelaide is leading the way in scientific research and education, equipping a new generation of future



scientists with the skills to tackle these world problems; and we've done so throughout our history. In fact, in 2018 University of Adelaide scientists discovered a vaccination to tackle a bacteria that kills up to two million children each year globally.

Teaching led by acclaimed research

Students will join a community of world-class researchers at the University of Adelaide—both seasoned explorers and rising stars—discovering answers to some of the biggest questions of our time.

They will rub shoulders with academics involved in internationally recognised projects, like the discovery of gravitational waves and advanced new techniques in gene editing.

* *A Smart Move: Future-proofing Australia's Workforce*, PwC, 2017.





AS WELL AS PROVIDING A SOLID FOUNDATION OF SPECIFIC DISCIPLINE KNOWLEDGE, THE UNIVERSITY OF ADELAIDE EQUIPS FUTURE SCIENTISTS WITH COMPLEMENTARY SKILLS IN BUSINESS, ENTERPRISE AND COMMUNICATION.



LIFE EXPERIENCE THROUGH GLOBAL LEARNING

www.adelaide.edu.au/global-learning

All students will have the opportunity to study overseas through a range of programs, including student exchange, study tours and summer and winter schools. There are many exciting opportunities in Europe, Asia, the Americas and Africa.

ABORIGINAL AND TORRES STRAIT ISLANDERS

www.adelaide.edu.au/wirltu-yarlu

The University of Adelaide values diversity where the rich cultures of Aboriginal and Torres Strait Islanders are taught, supported and celebrated. Wirltu Yarlu provide a range of services, schemes and preparation programs that are designed to support your desire to gain educational outcomes. Wirltu Yarlu is a place where students can soar to new heights.

ADVANCED BACHELORS

www.adelaide.edu.au/degree-finder

High achieving students who are inspired by the opportunity to contribute to the world's important discoveries and research advancements should consider the Advanced Bachelors degrees. These degrees provide a unique close quarters learning experience with academics of international distinction. See page 27 for details on the Bachelor of Science (Advanced).



Our researchers' work informs our teaching and gives students the unique opportunity to work with them on national and international projects. Our students have directly helped to tackle environmental challenges, advance technology and even map distant galaxies.

The University's campuses are also home to a number of co-located industry partners, affiliated researchers and research institutes of international significance.

Support

Studying at university can be exciting, but also challenging, so we ensure there's plenty of help on-hand. Our First Year Experience Program makes the transition as easy as possible. It activates before students enrol,

providing face-to-face enrolment advice and support to get students off to a good start.

The Sciences Mentoring Program matches small groups of new students with more experienced science students, who will stay in touch throughout their first semester for peer support.

If students need help with their studies, we offer drop-in services across the main first-year courses. We also provide access to our Peer-Assisted Study Sessions program, in which students help each other learn.

Guaranteed entry

A wide range of University of Adelaide degrees now have a pre-set entry score, known as 'guaranteed entry', instead of a cut-off that varies each year.

For guaranteed entry into our science degrees*, students must meet the degree prerequisites and achieve a 75 Selection Rank or above (including bonus points, if eligible). It's that straightforward.

For more details, visit adelaide.edu.au and search guaranteed entry.

** There are some exceptions. Check the University website for full details.*

Special entry and pathway options

If you would like to study the Bachelor of Science but did not achieve a Selection Rank of 65 or above, you may be eligible for special entry through an interview.

Additionally, if you have chosen one of a select group of named degrees but did not complete the prerequisite subject(s) or achieve a high enough Selection Rank, we may be able to offer a pathway into your chosen degree via the Bachelor of Science.

For more details, visit sciences.adelaide.edu.au

Science Academy

Our Science Academy is for high school students in Year 8-12 who have a passion for science.

Students take part in a range of interactive workshops (both at their school and on-campus) in the areas of chemistry, biology and physics, as well as earth and environmental science, agriculture and animal science.

Visit: ua.edu.au/scienceacademy

FIT UNI INTO LIFE

This diary snapshot is just one example of how a student may choose to schedule their university study and life. Attendance at university is less structured than time spent at high school. The hours spent on campus in lectures, tutorials, practicals or in the field—known as 'contact hours'—depend on the degree enrolled in, study mode selected (internal, external, online or flexible learning) and course choices.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>10.10am Chemistry lecture</p> <p>11.10am Biology lecture</p> <p>12pm Meet Dan and Mia in Hub Central for lunch</p> <p>1.10pm Human Biology lecture</p> <p>2.10pm Earth's Systems lecture</p> <p>5pm Dinner with family</p>	<p>9.30am Work on Biology assignment</p> <p>11.10am Chemistry lecture</p> <p>12.10pm Human Biology lecture</p> <p>1pm Quick nibble on the Barr Smith Lawns</p> <p>1.10pm Earth's Systems lecture</p> <p>2.10-5pm Biology practical</p> <p>7pm Film club night</p>	<p>10.10am Earth's Systems tutorial</p> <p>11.10am Biology lecture</p> <p>12.10pm Human Biology tutorial</p> <p>2.10-3pm Human Biology lecture</p> <p>6-9pm Part-time work scheduled</p> <p>5pm Meet tute classmates for test revision</p>	<p>9.30am Workout at Uni gym</p> <p>11.10am Human Biology practical</p> <p>12.10pm Earth's Systems practical</p> <p>2.10-5pm Chemistry practical</p> <p>5pm Heat up dinner in Hub Central Kitchen</p> <p>7pm Hockey match, Uni oval 2</p>	<p>11.10am Biology lecture</p> <p>12.10pm Chemistry lecture</p> <p>1.10pm Biology tutorial</p> <p>2pm Walk to the Central Market for food shopping</p> <p>6pm Shopping in Rundle Mall</p> <p>9pm Meet Matt at the UniBar</p>

CAREERS SERVICE AT ADELAIDE

At the Careers Service we work to help all University of Adelaide students develop connections with industry and maximise their employability, by delivering a suite of industry-informed, student-focused career development services.

Our award-winning team maintains close relationships with a wide range of local, national and international employers, ensuring our industry knowledge is second to none. These partnerships keep us fully informed of current and emerging opportunities for students desiring professional experience, and for graduates seeking employment. They also ensure we're keenly aware of what graduate employers are looking for.

To pass on this awareness to students, we hold a major Careers Expo every year and host numerous events where employers work on our North Terrace campus, network with students and promote career pathways within their organisations. Our industry mentoring program also provides opportunities for students to meet and gain insight from alumni, managers and leaders at various stages in their career lifecycles.

All employers value industry-related work experience, and being able to draw on these experiences is a great way for students to provide evidence of the skills, knowledge and abilities they've developed.

Through our Careers Service, students can access advice—both individually and through small-group workshops—on how to: source opportunities; create outstanding applications and resumes; prepare for interviews; make the most of opportunities they're offered; and articulate their experiences' benefits to employers.

We also operate an online CareerHub, which hosts numerous resources to help students connect with industry and apply for work, and lists opportunities for work experience, graduate jobs and industry-related part-time and volunteer work.



CAREERS AND STUDY

INDICATIVE STUDY-TO-CAREER PATHWAYS

Disciplinary areas	Degrees	Jobs
Agriculture, Food and Wine	Bachelor of: <ul style="list-style-type: none"> • Agricultural Sciences • Food and Nutrition Science • Viticulture and Oenology 	<ul style="list-style-type: none"> • Agricultural consultant • Agronomist • Biosecurity specialist • Brewer or distiller • Data farmer • Environmental consultant • Food chain specialist • Food chemist • Food microbiologist • Food technologist • Horticulturist • Nutritionist • Product development coordinator • Plant biotechnologist • Precision viticulturist • Resource manager • Rural banker • Science communicator • Soil scientist • Urban agriculturist • Vineyard manager • Viticulturist • Winemaker
Animal and Veterinary Sciences	Bachelor of: <ul style="list-style-type: none"> • Science (Animal Behaviour) • Science (Animal Science) • Science (Veterinary Bioscience)* 	<ul style="list-style-type: none"> • Animal health officer • Animal trainer • Animal/Veterinary technician • Animal welfare officer • Behaviourist • Behaviourist in private veterinary practice • Behaviour trainer for assistance dogs • Biosecurity officer • Nutritionist • Precision livestock breeder • Vet • Vertebrate pest manager • Wildlife conservationist • Zoo keeper
Biomedical Science and Biotechnology	Bachelor of: <ul style="list-style-type: none"> • Science (Biomedical Science) • Science (Biotechnology) 	<ul style="list-style-type: none"> • Bioinformatic scientist • Biostatistician • Biotechnologist • Clinical data manager • Clinical scientist • Diagnostic technician • Embryologist • Genetic counsellor • Gene therapist • Medical research scientist • Microbiologist • Neuroscientist • Pharmaceutical scientist • Plant biotechnologist • Public health
Earth and Environmental Sciences	Bachelor of: <ul style="list-style-type: none"> • Science (Ecotourism) • Science (Marine Biology) • Science (Mineral Geoscience) • Science (Wildlife Conservation Biology) 	<ul style="list-style-type: none"> • Big data conservation • Climate change analyst • Ecologist • Ecotourism consultant • Environmental education instructor • Environment manager • Geochemist • Geologist • Geomicrobiologist • Geophysicist • Life scientist • Marine biologist • Palaeontologist • Seismologist • Sustainability specialist • Wildlife conservationist
Sciences	Bachelor of: <ul style="list-style-type: none"> • Applied Biology • Science • Science (Advanced) • Science (High Performance Computational Physics) (Honours) • Science and Entrepreneurship • Science/Teaching • Science/Arts • Science (Space Science and Astrophysics) 	<ul style="list-style-type: none"> • Analytical chemist • Astronomer • Astrophysicist • Biochemical engineer • Botanist • Business development manager • Business scientist • Computational physicist • Data scientist • Drone technologist • Econophysicist • Environmental biologist • Forensic scientist • Government researcher • Innovation manager • Life scientist • Materials scientist • Merchant banker • Meteorologist • Nanotechnologist • New science ethicist • Petrophysicist • Physicist • Research and development manager • Research scientist • Science communicator • Science entrepreneur • Science teacher • Space entrepreneur • Space scientist

* Please note that the Bachelor of Science (Veterinary Bioscience) is the first part of the veterinary program. Graduates gain direct entry to the Doctor of Veterinary Medicine degree and completing both degrees makes them eligible to register and practise as a veterinarian.

To ensure students understand their preferred degree's prerequisite requirements, they should search for it at: adelaide.edu.au/degree-finder

PREREQUISITES AND RECOMMENDED STUDY BACKGROUND

Degrees	Prerequisite (essential SAGE Stage 2 subjects)	Assumed knowledge (recommended SAGE Stage 2 background)
Bachelor of: <ul style="list-style-type: none"> • Science • Science (Advanced) 	None, unless students wish to major in Chemistry or Physics, in which case the following Level 1 (first-year) prerequisites apply. Chemistry major: Chemistry. (It is possible to follow a Chemistry major without meeting the prerequisite, but it is dependent on the student's Level 1 university results). Physics major: Physics, Mathematical Methods* and Specialist Mathematics.	<ul style="list-style-type: none"> • Chemistry • Mathematical Methods* • Physics
Bachelor of: <ul style="list-style-type: none"> • Science (Mineral Geoscience) 	Two subjects chosen from: Biology, Chemistry, Geology, Physics, Scientific Studies, General Mathematics, Mathematical Methods*, Specialist Mathematics, Agriculture and Horticulture, Agricultural and Horticultural Science or Nutrition. Only one mathematics subject can be counted.	<ul style="list-style-type: none"> • Chemistry • Mathematical Methods* • Physics
Bachelor of: <ul style="list-style-type: none"> • Science (Biomedical Science) 	Chemistry and one of: Biology, Geology, Physics, Scientific Studies, General Mathematics, Mathematical Methods* or Specialist Mathematics, Agriculture and Horticulture, Agricultural and Horticultural Science or Nutrition.	<ul style="list-style-type: none"> • Mathematical Methods* • Physics
Bachelor of: <ul style="list-style-type: none"> • Science (Veterinary Bioscience) 	<ul style="list-style-type: none"> • Mathematical Methods* • Chemistry 	<ul style="list-style-type: none"> • Physics
Bachelor of: <ul style="list-style-type: none"> • Science (Biotechnology) 	<ul style="list-style-type: none"> • Mathematical Methods* • Chemistry 	
Bachelor of: <ul style="list-style-type: none"> • Science (Space Science and Astrophysics) • Science (High Performance Computational Physics)(Honours) 	<ul style="list-style-type: none"> • Mathematical Methods* • Specialist Mathematics • Physics 	None
Bachelor of: <ul style="list-style-type: none"> • Agricultural Sciences • Food and Nutrition Science • Science (Animal Science) • Science (Marine Biology) • Viticulture and Oenology 	None	<ul style="list-style-type: none"> • Chemistry • Mathematical Methods*
Bachelor of: <ul style="list-style-type: none"> • Applied Biology • Science (Animal Behaviour) • Science and Entrepreneurship • Science (Ecotourism) • Science (Wildlife Conservation Biology) 	None	None

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was well known as Mathematical Studies.



TOP 45 IN THE WORLD
FOR AGRICULTURAL
SCIENCES*

01

#1 IN SOUTH AUSTRALIA
FOR FOOD SCIENCE
AND TECHNOLOGY*



MORE THAN 5 JOBS
FOR EACH AGRICULTURE
GRADUATE IN AUSTRALIA^

AGRICULTURE, FOOD AND WINE

[^] farminstitute.org.au/newsletter/2016/May/feature

* *Academic Ranking of World Universities by Subject 2018*

Plant new seeds

Our intelligence long ago lifted us to the top of the food chain. Now we're creating entirely new ones. With increasing pressure on resources, the world's hungry for more productive, and more sustainable, food and farming practices. Cross-pollination, genetic engineering, neurogastronomy—it's all on the table.

Innovators highly sought-after

Demand for graduates in this growing field is high, both locally and internationally.

Whether it's pioneering new food production methods in urban areas, helping to satisfy the growing appetite for our world-famous wine, or becoming an innovator in the commercial world of food, there are many opportunities for you to explore.

Degrees in agriculture, food and wine sciences combine theory with a healthy dose of practical, hands-on experience; great if you're looking for a strong connection with industry throughout your study.

Waite campus

The University of Adelaide's Waite campus is home to South Australia's only agricultural sciences and viticulture and oenology (wine science) degrees, a number of research partners, and the internationally renowned Waite Research Institute—the largest agricultural research institute in the southern hemisphere. Staff and students work closely with these organisations, providing a unique opportunity for collaboration on national and international research projects.

FUTURE SCIENTIST

Agriculture

More than just growers, these scientists get creative with new tech to satisfy local and global needs. They will have to come up with solutions to questions like, 'How can we get innovations in agriculture out into the field?' Think drones, crop and livestock sensors—even urban farms.

Study:

- Bachelor of Agricultural Sciences
- Bachelor of Science (Animal Science)
- Bachelor of Science or Bachelor of Science (Advanced) – major in Soil Science
- Bachelor of Viticulture and Oenology

“I HAVE A PASSION FOR FEEDING THE WORLD, SUCH AN IMPORTANT MATTER THAT CAN OFTEN BE FORGOTTEN. I ALSO LOVE WORKING OUTDOORS, SITTING AT A DESK EVERY DAY IS NOT FOR ME BUT I STILL WANTED TO STUDY A SCIENCE DEGREE.”

Hannah McArdle
Bachelor of Agricultural Sciences
Industry Development Officer, AusVeg SA



BACHELOR OF AGRICULTURAL SCIENCES

SATAC CODE 324561	SELECTION RANK/IB 76.95 / 27	
DURATION 3 years full-time	CAMPUS Roseworthy, Waite	GUARANTEED ENTRY 75

ASSUMED KNOWLEDGE

- SACE Stage 2 Chemistry
- Mathematical Methods*

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies.

 adelaide.edu.au/degree-finder
Search **agriculture**

Be part of the boom

Agriculture is about understanding the land, animals, crops and community.

For those seeking a career in the industry, our Bachelor of Agricultural Sciences is the degree of choice. It ranks top 45 in the world and is the only agricultural science degree in South Australia*.

What will you do?

We give you the knowledge and skills needed to thrive in all areas of agriculture. You will:

- discover the physical, biological, technological and economic bases of modern agricultural systems
- go on field trips and excursions from first-year
- take classes in agribusiness, crop, livestock and soil sciences
- learn to manage diverse systems and natural resources
- access the latest research, innovation and technology through government and industry partners
- build practical skills through at least 450 hours of internships.

Where could it take you?

Within just a few months of finishing, 91% of our graduates find full-time employment**. In fact, on average there are upwards of five jobs available for every graduate***. You'll be set to improve primary production outputs in both rural and city locations. You could work as a consultant, conduct sustainability research, advise on government policy or innovate in urban and vertical farming.

You might get a job in ag media, connecting farmers to their customers. Perhaps you'll come up with ways to increase farming efficiency using modern drone technology.

Industry placement

We offer industry work experience: a total of 12 weeks, or 450 hours.

In your first and third year, you'll go on numerous field trips and excursions. You'll also have the opportunity for field trips to Queensland and south-east South Australia; and even international trips, such as to China and India.

* *Academic Ranking of World Universities by Subject 2018.*

** *Bachelor of Agricultural Sciences (QILT Outcome Results by Program 2014-16).*

*** *farminstitute.org.au/newsletter/2016/May/feature*

BACHELOR OF FOOD AND NUTRITION SCIENCE

SATAC CODE 314761	SELECTION RANK/IB 67.25 / 24	
DURATION 3 years full-time	CAMPUS North Terrace, Waite, Regency Park	GUARANTEED ENTRY 75

ASSUMED KNOWLEDGE

- SACE Stage 2 Chemistry ● Mathematical Methods*

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies.

 adelaide.edu.au/degree-finder
Search **nutrition • food technology**

Feed our future

Food is fundamental to our wellbeing. New approaches to food production and processing, as well as to our diet, are key for health and sustainability. The Australian food and beverage industry exports \$40 billion a year and is growing rapidly. There's high demand for food and nutrition scientists able to tackle today's challenges and meet tomorrow's global needs.

What will you do?

Ranked third in Australia and best in South Australia for Food Science, Technology and Nutrition*, our bachelor prepares you to educate and innovate in food. You will:

- understand food systems and production 'from farm gate to fork'
- learn how to design, formulate, produce, package and market foods
- experiment with chemical composition and flavour combinations in the lab
- build experience in sensory evaluation and project management
- explore ways of developing sustainable, nutritious, safe and healthy food supplies
- gain hands-on industry experience through 120 hours of placement in a food, nutrition or health organisation.

Where could it take you?

You could work in public health, developing food and nutrition policy, regulations and resources. You might pursue microbiology and increase the nutrient density of plant-based protein products. Perhaps you'll take on a role in food quality assurance, waste management or education. You'll also be eligible to apply for registration as an associate nutritionist, or you could use the degree as a pathway into dietetics.

Professional accreditation

Upon graduation you'll be eligible to apply for registration as an associate nutritionist with the Nutrition Society of Australia, and graduate membership of the Australian Institute of Food Science Technology.

* *Academic Rankings of World Universities by Subject 2018.*

BACHELOR OF VITICULTURE AND OENOLOGY

SATAC CODE 324611	SELECTION RANK/IB 74.45 / 26	
DURATION 4 years full-time	CAMPUS Waite	GUARANTEED ENTRY 75

ASSUMED KNOWLEDGE

- SACE Stage 2 Chemistry
- Mathematical Methods*

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies

 adelaide.edu.au/degree-finder
Search **viticulture** + **wine making**

Follow your palate

Great wine is central to South Australia's identity. In fact, Adelaide is one of the great wine capitals of the world with over 200 cellar doors within an hour of the CBD.

70 percent of Australian wine research happens at the University of Adelaide's Waite campus. Our winemakers are innovators and cultural leaders within a sector helping drive the nation's economy.

What will you do?

Our Bachelor of Viticulture and Oenology teaches best-practise techniques for growing wine grapes and making wine. You will:

- study at the largest agricultural teaching and research precinct in the Southern Hemisphere
- make wine in our state-of-the-art Hickinbotham Roseworthy Wine Science Laboratory
- build hands-on scientific and technological skills in the vineyards and working winery at our Waite campus
- learn from more than 150 researchers and partners in wine and grape science

- access cutting-edge research at the Australian Research Council Training Centre for Innovative Wine Production
- complete an industry placement in viticulture and/or oenology.

There are also opportunities to study and gain experience overseas.

Where could it take you?

You'll graduate as a fully trained winemaker or viticulturist. You could manage your own winery or vineyard. You might work with the latest technologies to develop innovations and efficiencies in related industries. Perhaps you'll focus on sustainable and natural practices, building an organic, biodynamic or solar-powered future for the wine industry.

Industry placement

In fourth-year you're required to complete an industry experience placement in viticulture and/or oenology. This is a practical placement, based on work experience at a commercial vineyard or winery during vintage.



“THE TIME I SPENT AT UNIVERSITY WAS CHALLENGING, BUT THOROUGHLY REWARDING. IT WAS WHERE I FOUND MY PASSION AND FORMED LIFELONG FRIENDSHIPS. I GAINED INVALUABLE SKILLS AND KNOWLEDGE WHICH ENABLED ME TO FIND MY FIRST JOB AS SOON AS I GRADUATED.”

Daniela Gaggl

Bachelor of Viticulture and Oenology
Technical Officer, Yalumba Nursery



TOP 150 IN WORLD
FOR VETERINARY
SCIENCE**

01

#1 RANK IN AUSTRALIA FOR OVERALL
EXPERIENCE AND TEACHING QUALITY
IN VETERINARY SCIENCE*



CO-LOCATION
WITH INDUSTRY
PARTNERS

ANIMAL AND VETERINARY SCIENCES

** *Academic Ranking of World Universities by Subject 2018*

* *Good Universities Guide 2019*

Lead the pack

On this life-rich planet, humanity's challenges are rarely ours alone. We're intimately connected to, and responsible for, millions of different creatures. Applying science to ensure our relationships with the animal world are healthy and productive is a vital and rewarding task—and one that's changing fast.

As a future scientist in this area you could be called upon to: tackle issues like sustainable livestock production and biosecurity; address problems of animal welfare and management; and maximise our beloved pets' health and lifespans.

Hands-on learning from experts in the field

At the University of Adelaide you will learn from internationally renowned academics and gain extensive practical skills—both in the field and our purpose-built veterinary teaching and research clinic. Covering

a remarkable range of subjects, from livestock's molecular genetics to equine reproduction, you'll develop the invaluable ability to put your knowledge to work.

Career flexibility

Your career options will be many. In-depth knowledge in animal and veterinary sciences is central to industries such as food production, conservation, and agriculture—one of Australia's fastest growing sectors.

Roseworthy campus

Your studies will be based at our Roseworthy campus, an internationally recognised centre for excellence in dryland agriculture, natural resource management and animal production.

Set on over 1500 hectares, it's home to South Australia's only veterinary school and a \$37 million vet clinic, where you can gain clinical experience while studying and utilise emerging technology, like livestock-monitoring sensors.

FUTURE SCIENTIST

Animal

Don't expect a 'typical' day at work! Animal scientists explore animal physiology, nutrition, reproduction, breeding and management, both in the lab and the field. Future scientists in the area will even use 3D imaging (accurate to within millimetres) to monitor livestock's condition and optimise management decisions.

Study:

- Bachelor of Science (Animal Science)
- Bachelor of Agricultural Sciences
- Bachelor of Science (Animal Behaviour)

"I LOVED THE PRACTICAL WORK WE DID ALONGSIDE EXPERTS IN THE FIELD AND OPPORTUNITIES TO HELP WITH RESEARCH. I USE KNOWLEDGE I GAINED FROM MY DEGREE REGULARLY IN MY CAREER AS A ZOOKEEPER."

Michelle Birkett
Bachelor of Science (Animal Science)
Zookeeper, Adelaide Zoo



BACHELOR OF SCIENCE (ANIMAL BEHAVIOUR)

SATAC CODE 334171	SELECTION RANK/IB 77.5 / 27	
DURATION 3 years full-time	CAMPUS Roseworthy	GUARANTEED ENTRY 75

 adelaide.edu.au/degree-finder
Search **animal** + **behaviour**

Communicate across species

Love interacting with animals? Fascinated by pets and their personalities?

Animal behaviour is psychology for the animal kingdom. It's about understanding the science behind why animals act in certain ways, how we should work with them, and how we can look after their futures. It even informs our understanding of human behaviour.

What will you do?

Our Bachelor of Science (Animal Behaviour) gives you the knowledge and skills to pursue a rewarding career in a growing industry. You will:

- study core courses in psychology
- learn about animal development and the biological bases of behaviour
- explore your interests through research projects and case studies
- choose from a broad range of animal science courses, including livestock, horses, wildlife, insects and companion animals
- draw on the University's expertise in animal science and veterinary bioscience from the internationally renowned Roseworthy campus.

There's also a strong practical element, with opportunities for industry experience, field work and study tours.

Where could it take you?

You could consult regarding exotic pets, prepare greyhounds for adoption or work in animal management for local government. You might ready dogs for roles guiding the visually impaired, detecting in customs, or even comforting children with autism and anxiety. Perhaps you'll host your very own animal science show on TV.

BACHELOR OF SCIENCE (ANIMAL SCIENCE)

SATAC CODE 324141	SELECTION RANK/IB 69.4 / 25	
DURATION 3 years full-time	CAMPUS Roseworthy	GUARANTEED ENTRY 75

ASSUMED KNOWLEDGE

- **SACE Stage 2:** Chemistry and Mathematical Methods

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies

 adelaide.edu.au/degree-finder
Search **animal** + **science**

Advance outcomes for animals and industry

We rely on animals for so much—labour, entertainment, companionship. Animal science is essential for keeping the animals under our charge housed, fed, healthy and safe.

Animal scientists research new technologies and approaches to managing animal production and welfare, develop and run breeding programs, regulate animal feed and products, and work to decrease agriculture's environmental impact.

What will you do?

Our Bachelor of Science (Animal Science) prepares you for success in the lab and the field. You will:

- explore animal physiology, nutrition, reproduction, breeding and management
- study in a range of specialised areas, including livestock, horses, wildlife, companion animals and laboratory animals
- gain practical skills working with experts in the field
- carry out individual and team research projects
- access our \$37 million purpose-built veterinary teaching and research facilities.

You'll also have exciting opportunities to complete work experience in relevant industries.

Where could it take you?

You could provide farmers with ways to improve the health and welfare of livestock. Perhaps you'll get a job as a nutritionist developing diets for companion or production animals, or work in a wildlife park or zoo. You might research laboratory animal housing, or ways to detect or control diseases that affect our wildlife.

BACHELOR OF SCIENCE (VETERINARY BIOSCIENCE)

SATAC CODE 324491	SELECTION RANK/IB Minimum academic threshold of 90 / Minimum academic threshold of 33
DURATION 3 years full-time	CAMPUS North Terrace, Roseworthy

PREREQUISITES

- **SACE Stage 2:** Mathematical Methods*, Chemistry.
- **IB:** Mathematics (SL grade 4/HL grade 3) and Chemistry (SL grade 4/HL grade 3).

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies

ASSUMED KNOWLEDGE
SACE Stage 2 Physics

ADDITIONAL ENTRY REQUIREMENTS

Applicants must complete a written questionnaire and undergo an interview (if offered). Applicants will also be required to acknowledge their understanding of the Inherent Requirements and Vaccination Guidelines. These documents can be found by searching this degree on Degree Finder, then looking under 'useful links'.

 adelaide.edu.au/degree-finder
Search **veterinary**

Keep animals happy and healthy

Veterinarians are dedicated to animals' wellbeing. They're scientists, surgeons, carers and lifelong learners.

Our veterinary program is ranked 84th in the world for Life Sciences and Medical Degrees* and rated 'well above world standard' by Excellence in Research Australia**.

What will you do?

You'll enjoy the smallest class size of any veterinary program in Australia. This means more personalised attention from our highly experienced teachers and researchers as you:

- explore animals' anatomy, physiology and behaviour and identify the pathogenic organisms that attack them
- learn about animal handling and husbandry
- experience real industry settings, including farms and intensive production facilities, through multiple industry placements—possibly even overseas
- undertake significant hands-on animal work, starting in semester 1
- access our \$37 million purpose-built veterinary teaching and research facilities.

You'll also complete at least 12 weeks of Animal Husbandry Extra Mural Studies across the degree. Undertaken during University vacations, this will give you specific experience with particular groups of animals, especially cattle, sheep and horses.

Where could it take you?

This degree is the first part of our veterinary science program. Upon graduation you'll gain direct entry into the Doctor of Veterinary Medicine, which you must also complete to register and practise as a veterinarian.

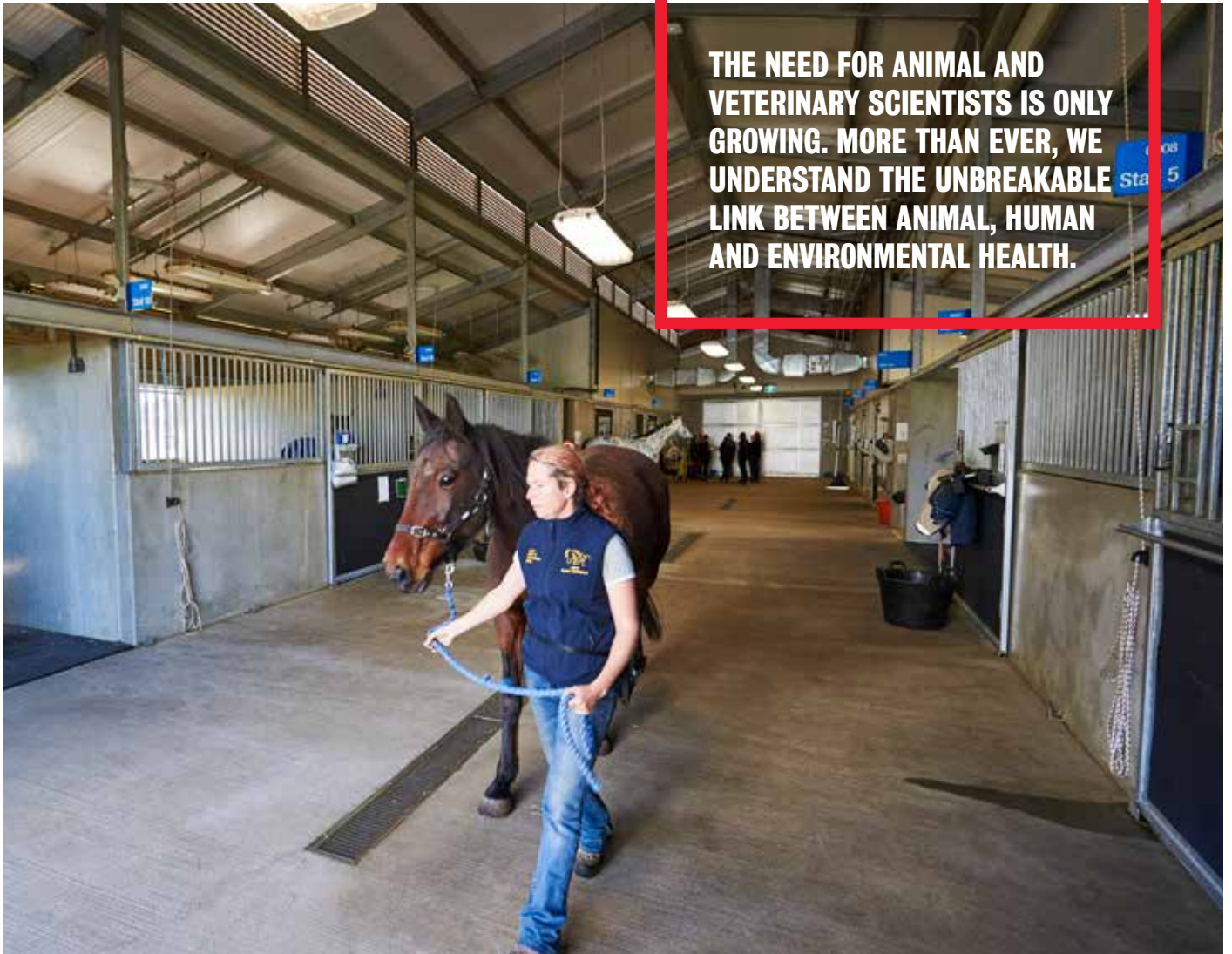
Once you have, you could work in a private practice, or start your own. You might travel to farms around the country treating livestock on-site, or research equine, zoo animal or wildlife medicine. Perhaps you'll even work in biosecurity, managing programs to prevent disease and pollution.

Professional accreditation

Our veterinary science program is accredited by the Australasian Veterinary Boards Council (AVBC), the Veterinary Surgeons' Board of Hong Kong and the Royal College of Veterinary Surgeons (UK). This means when you graduate from your Doctor of Veterinary Medicine, you'll be eligible for registration as a veterinarian in Australia, New Zealand, South Africa, Singapore, the United Kingdom and Hong Kong.

* QS Stars QS World University Rankings by Broad Subject Area 2018.

** Excellence in Research for Australia 2015.



THE NEED FOR ANIMAL AND VETERINARY SCIENTISTS IS ONLY GROWING. MORE THAN EVER, WE UNDERSTAND THE UNBREAKABLE LINK BETWEEN ANIMAL, HUMAN AND ENVIRONMENTAL HEALTH.



90% INCREASE IN
BIOTECHNOLOGY JOBS
OVER PAST 10 YEARS[^]

100

TOP 100 IN WORLD
FOR BIOLOGICAL
SCIENCES*



HOME TO AUSTRALIA'S
FIRST GENOME-EDITING
FACILITY

BIOMEDICAL SCIENCE AND BIOTECHNOLOGY

* QS World University Rankings by Subject 2018

[^] biotechinstitute.org 2017

Get ready for the biocentury

Our world is built on biology—every living organism wired with genetic hardware. In the 1970s, we began deciphering its code. Today, we're altering it.

With advanced technologies and data analytics opening doors to things that would have seemed miraculous only years ago, biological science is poised to transform life as we know it. DNA origami, genetic modification, stem cell engineering, clones—feeding, fuelling and healing the world has never been more exciting.

You'll have access to world-class training from leading researchers, and some of the most advanced technology in the southern hemisphere. And you'll graduate ready to join one of the fastest growing sectors in the world.

Advancing health through research

The University conducts acclaimed research in a wide range of biomedical and biotechnological areas. Drawn to us from all over the world, our researchers—the same people who'll teach you as a student—are pursuing potential cures for major diseases and exploring biological processes at a molecular level.

These pioneering scientists are also developing, and teaching with, state-of-the-art equipment, such as CRISPR gene editing technology. The University of Adelaide houses the first genome editing facility in Australia.

FUTURE SCIENTIST

Biomedical Scientist

Drive the future of health care, from vaccine discovery to disease prevention. Tailor your degree with options to specialise in biochemistry, genetics, or microbiology and immunology.

Study:

- Bachelor of Science (Biomedical Science)
- Bachelor of Science – major in Biochemistry, Genetics or Microbiology and Immunology.

Biotechnologist

Give your experimentation meaning. You'll learn how to up-scale your discoveries and take them from the lab to market or the wider community. Think drug development, gene therapy or cancer biomarker identification.

Study:

- Bachelor of Science (Biotechnology)
- Bachelor of Science – major in Biochemistry, Genetics or Microbiology and Immunology.

“MY DEGREE TAUGHT ME THE INTERPERSONAL SKILLS AND ACADEMIC KNOWLEDGE TO TAKE MY SCIENCE CAREER IN ANY DIRECTION AND FIELD I WANTED. I AM NOW AN INTENSIVE CARE CLINICAL RESEARCH SCIENTIST AT THE ROYAL ADELAIDE HOSPITAL.”

Luke Weinel

Studied Molecular Biology

Clinical Research Scientist, Intensive Care
Research Department, Royal Adelaide Hospital



BACHELOR OF SCIENCE (BIOMEDICAL SCIENCE)

SATAC CODE 314091	SELECTION RANK/IB 79.65 / 28	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

PREREQUISITES

● **SACE Stage 2:** Chemistry plus one of Physics, Mathematical Methods*, Specialist Mathematics, General Mathematics, Biology, Geology, Scientific Studies, Agriculture and Horticulture, Agricultural and Horticultural Science or Nutrition.

● **IB:** Chemistry (SL grade 4/HL grade 3) and one other science subject (SL grade 4/HL grade 3) or Mathematics (SL grade 4/HL grade 3).

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies

ASSUMED KNOWLEDGE

- SACE Stage 2 Mathematical Methods*
- Physics

 adelaide.edu.au/degree-finder
Search **biomedical**

Drive progress at the molecular level

Do you have an interest in medical biology and human health? Are you keen to discover more about human disease, from its cause and diagnosis through to novel treatments and cures?

Biomedical scientists are vitally important. They advance world-changing discoveries to improve the health and quality of people's lives.

The University of Adelaide is ranked in the top 100 in the world for biological sciences and best in South Australia*.

What will you do?

Our Bachelor of Science (Biomedical Science) gives you the knowledge and skills to access an emerging global sector. You will:

- build a broad knowledge base in medical and molecular biology
- explore normal and abnormal functions of the human body
- learn directly from world-class biomedical researchers and educators
- carry out extensive biomedical research projects
- gain real-world practical insights from industry lecturers and placements.

Areas of specialisation include:

- Biochemistry
- Genetics
- Microbiology and Immunology

Where could it take you?

You could be running a laboratory, performing cutting-edge cancer research or modifying genes for vaccines. You might design drugs for the pharmaceutical industry. Perhaps you'll work directly with patients after completing a degree in postgraduate medicine or allied health.

Industry placement

Depending on your major, you could conduct some or all of your practical work through placement in a professional research laboratory in third-year.

* *QS World University Ranking by Subject Biological Sciences 2018.*

BACHELOR OF SCIENCE (BIOTECHNOLOGY)

SATAC CODE 314691	SELECTION RANK/IB 83.45 / 30	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

PREREQUISITES

● **SACE Stage 2:** Mathematical Methods* and Chemistry.

● **IB:** Mathematics (SL grade 4/HL grade 3) and Chemistry (SL grade 4/HL grade 3).

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies.

 adelaide.edu.au/degree-finder
Search **biotechnology**

Harness nature's potential

Biotechnology focuses on biology and technology, leading to the development of new products for feeding, fuelling and healing the world. This might include vaccine, antibiotic or hormone production and genetic modification.

It's a fast-evolving industry with huge potential for improving global health and wellbeing. When we modify living things, all sorts of marvels become possible.

What will you do?

Our Bachelor of Science (Biotechnology) combines traditional science with aspects of engineering and computer science. You will:

- delve into molecular, genetic, animal and plant biology
- experiment with protein separation, fermentation, genomics and proteomics
- use the revolutionary gene editing technology at the first genome-editing facility in Australia
- explore microbial biotechnology and bioprocess engineering
- learn how to produce food, drugs and other products
- consider social and ethical issues, patents and waste management.

Where could it take you?

You could concoct world-changing pharmaceutical drugs in the lab. You might work to clone animals. Perhaps you'll aid in the development and implementation of modern techniques for disease prediction and treatment.

Industry placement

You'll even have the opportunity to undertake international study opportunities, such as investigating biotechnology in Seoul, South Korea.

**STUDYING AT THE UNIVERSITY
OF ADELAIDE GIVES YOU ACCESS
TO WORLD-CLASS TRAINING
FROM LEADING RESEARCHERS,
AND SOME OF THE MOST
ADVANCED TECHNOLOGY IN
THE SOUTHERN HEMISPHERE.**





#1 IN SOUTH AUSTRALIA
FOR GRADUATE CAREERS IN
ENVIRONMENTAL STUDIES[^]

100 TOP 100 WORLD
RANKING FOR
EARTH SCIENCES*



#1 IN SOUTH
AUSTRALIA FOR EARTH
SCIENCES RESEARCH**

EARTH AND ENVIRONMENTAL SCIENCES

[^] Graduate Outcomes Survey, 2016

* QS World University Rankings by Subject 2018

** 2015 Excellence in Research for Australia (ERA)

Have nature's back

From giant cuttlefish in the sea to arid deserts, subterranean caves and rainforests teeming with life—our planet is a place of awe and wonder. It begs for exploration, deep understanding, and increasingly—with threats looming—resolute action.

Some of the most significant global issues we face today will be tasked to future scientists in this area to solve. This includes challenges such as: overpopulation; species protection; ocean pollution; and the need to better connect people to nature so they appreciate the importance of preserving our environment.

Here at the University of Adelaide we can prepare you to become one of these vital environmental advocates.

Splitting your time between the lab and the field, you'll learn to use advanced technology to collect data, tackle conservation issues, track species and monitor natural disasters with incredible precision. You'll emerge ready to help build a sustainable future for our planet.

Research

The University of Adelaide leads internationally significant environmental research through the Environment Institute, situated on-campus. Our research into areas such as ancient DNA, conservation, marine biology and water management is helping to find new approaches to global environmental problems.

FUTURE SCIENTIST

Environment

The chance to make a meaningful impact in this area of science is great. Future scientists will play a critical role in determining the way forward for our planet and species. You could track endangered species, educate the public about the effects of climate change or research microplastics in seafood.

Study:

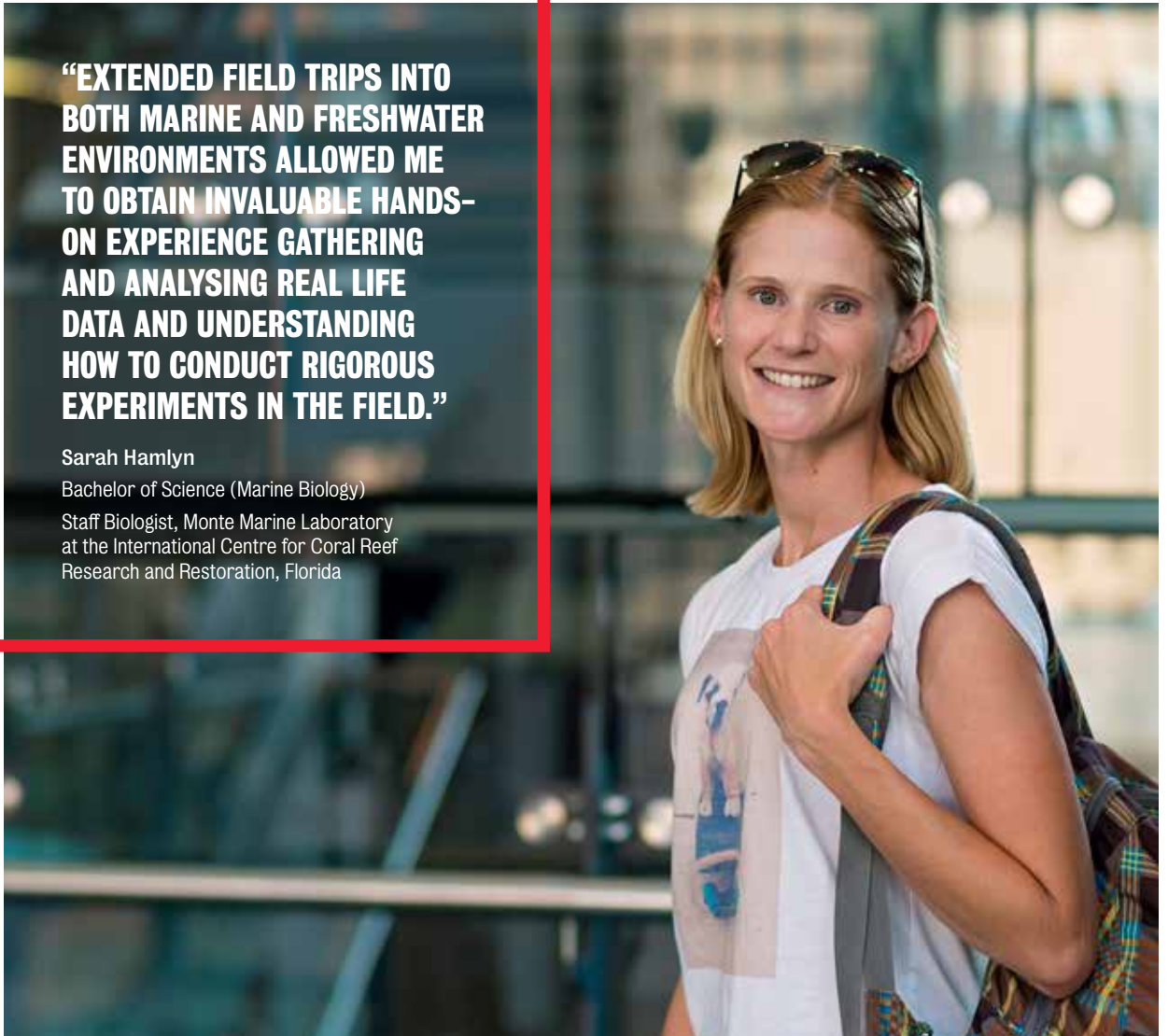
- Bachelor of Science (Ecotourism)
- Bachelor of Science (Marine Biology)
- Bachelor of Science (Wildlife Conservation)
- Bachelor of Science (major in Ecology, Evolutionary Biology, Geology, Palaeontology)

“EXTENDED FIELD TRIPS INTO BOTH MARINE AND FRESHWATER ENVIRONMENTS ALLOWED ME TO OBTAIN INVALUABLE HANDS-ON EXPERIENCE GATHERING AND ANALYSING REAL LIFE DATA AND UNDERSTANDING HOW TO CONDUCT RIGOROUS EXPERIMENTS IN THE FIELD.”

Sarah Hamlyn

Bachelor of Science (Marine Biology)

Staff Biologist, Monte Marine Laboratory
at the International Centre for Coral Reef
Research and Restoration, Florida



BACHELOR OF SCIENCE (ECOTOURISM)

SATAC CODE 324981	SELECTION RANK/IB 65 / 24	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

 adelaide.edu.au/degree-finder
Search **ecotourism**

Protect the places you love

Our ecotourism degree develops scientists and explorers who care about our planet. It's for those who are fascinated by the natural world and wish to share its wonders with others.

Ecotourism experts work within a growing nature-based tourism industry, along with governments and communities, to build cultural and environmental awareness. They develop and provide content for tourists while promoting conservation and the value of science.

The demand for nature-based tourism is only growing, already accounting for around 20% of global travel*.

What will you do?

Our Bachelor of Science (Ecotourism) gives you the skills and knowledge to excel in a flourishing industry. You will:

- specialise in Geotourism or Nature Based Tourism
- blend studies in geology, biology, botany and zoology

- build multicultural knowledge and sensitivity
- get outdoors for real-world research projects on active ecotourism sites
- go on national field trips.

You're also free to take your studies overseas on exchange or study tours.

Where could it take you?

You might own your own company or work within a large tourism and hotel network. You could guide groups into the Australian outback, through rainforests where glow worms light up the night or under plummeting waterfalls. Perhaps you'll develop government legislation for environmentally sustainable tourism operations. You could even utilise your science and communication skills in media or education, making environmental sciences accessible to the general public and future generations.

Industry placement

In your final semester you'll take a capstone course, in which you'll work on a real-world research project in a small group.

You'll also do an individual research project on an area's ecotourism potential. This will be done in collaboration with relevant industry/government/communities, and could involve site visits, field work and work placements.

* *United Nations World Tourism Organisation, 2016.*

BACHELOR OF SCIENCE (MARINE BIOLOGY)

SATAC CODE 324431	SELECTION RANK/IB 68.6 / 24	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

ASSUMED KNOWLEDGE

- SACE Stage 2 Chemistry
- Mathematical Methods*

* *If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies*

 adelaide.edu.au/degree-finder
Search **marine**

Go below the surface

Marine biology is the study of our planet's largest and most diverse ecosystem—the sea.

Marine biologists observe, preserve and discover ocean life, from tiny shelled creatures and thriving underwater forests to flashing squids and roving sharks.

What will you do?

Our Bachelor of Science (Marine Biology) emphasises expertise in the lab and experiential learning out in the elements. You'll learn from nationally and internationally acclaimed researchers as you:

- build core knowledge in biology, statistics and communication
- explore ecological and evolutionary science



- dive into marine biology, coastal management and specialised research methods
- gain extensive field experience
- access equipment used in pioneering research around the world.

This degree prepares you for work on temperate seas—from sub-polar to sub-tropical. This is because there's a high demand for graduates skilled in temperate marine biology.

Where could it take you?

You could explore future life in a high-CO2 world, dive on underwater volcanoes or lead oceanic ecotours. You might study the effects of climate change on our reefs or research the impact of microplastics in fish. Perhaps you'll make documentaries to educate the wider public or discover totally new marine species.

Industry placement

Practical experience is peppered throughout the degree. You'll take regular field trips to local beaches and coastal areas; and in third-year undertake a week-long camp at the Marine Research Station on the York Peninsula.

You'll also have the opportunity in most years to go on international study tours, including in Timor-Leste and China. On these trips you'll visit aquaculture farms and fish markets, undertake scuba diving courses, help local communities monitor marine parks, map local habitats and learn about coastal communities in developing countries. They usually run for around two weeks.

BACHELOR OF SCIENCE (MINERAL GEOSCIENCE)

SATAC CODE 324551	SELECTION RANK/IB 75.6 / 27	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

PREREQUISITES

- **SACE Stage 2:** any two science subjects chosen from Biology, Chemistry, Geology, General Mathematics, Mathematical Methods*, Physics, Agriculture and Horticulture, Agricultural and Horticultural Science, Nutrition, Scientific Studies or Specialist Mathematics. (NB: only one mathematics subject may be counted.)
 - **IB:** two science subjects (minimum grade 4 for SL, 3 for HL), or one science subject plus Mathematics (minimum grade 4 for SL, 3 for HL).
- * If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies*

ASSUMED KNOWLEDGE

- SACE Stage 2 Chemistry
- Mathematical Methods*
- Physics

 adelaide.edu.au/degree-finder
Search **mining • geoscience, geology**

Rock-solid job opportunities

Mineral geoscience is all about Earth's mineral resources—their nature, origin, distribution, discovery and uses.

Geoscientists explore for metallic and non-metallic deposits and find environmentally safe ways to dispose of waste materials from mining.

What will you do?

Our Bachelor of Science (Mineral Geoscience) prepares you for an interesting, well-paid and diverse career in the minerals and energy sector. You will:

- take integrated and extended geology and geophysics courses
- learn about mining, engineering and mineral resources
- build broad industry understanding
- benefit from extensive field work and direct exposure to geoscience professionals.

You could also choose to undertake international study opportunities, including travelling with a tour guide to remote areas and exploring the world's best preserved piece of intact oceanic crust as part of the Oman Geology Study Tour.

Where could it take you?

Mineral geoscience graduates are in high demand. You might work in exploration, making the calls on where next to drill for diamonds. You could journey below the surface as an underground mine geologist. Perhaps you'll work on solutions for repairing mining's environmental impacts.

BACHELOR OF SCIENCE (WILDLIFE CONSERVATION BIOLOGY)

SATAC CODE 324911	SELECTION RANK/IB 66.85 / 24	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

 adelaide.edu.au/degree-finder
Search **wildlife**

Make a real impact

Wildlife is vanishing throughout the world. Many species will disappear during your working life.

Do you want to halt this trend and reverse imminent species loss? Our Bachelor of Science (Wildlife Conservation Biology) gives you the knowledge and skills to safeguard our ecosystems and protect the future of wildlife in crisis.

What will you do?

This degree is hands-on and prepares you to champion biodiversity conservation in both theory and practice. You will:

- learn to identify plants and animals in natural settings
- conduct field research as part of long-term, on-going monitoring programs
- apply theory and research to pressing conservation problems
- consider the field's social, political and economic constraints
- develop the skills to plan, execute and monitor habitat restoration programs for declining species.

You'll also gain valuable experience and connections with established organisations, such as BioR, Conservation International and the multi-award-winning Arid Recovery. That includes spending five days with the latter near Roxby Downs, learning to trap, handle and record data on small mammals and reptiles.

Where could it take you?

Our conservation graduates go on to all sorts of exciting and rewarding careers. You might reconstruct local habitats or lead breeding programs in sanctuaries. You could monitor animals' movements with satellite tracking and other remote techniques. Perhaps you'll work in academia, researching your passion and inspiring the next generation of conservationists.



75% FASTEST GROWING
OCCUPATIONS REQUIRE
STEM SUBJECTS*

01 #1 IN
SA FOR
SCIENCE#

\$ TOP 5 HIGHEST PAID
JOBS IN ADELAIDE ARE
IN STEM INDUSTRIES^

SCIENCES

[^] SEEK Salary Report, July 2017

[#] QS World University Rankings by Subject 2018

^{*} A Smart Move: Future-proofing Australia's Workforce report, PwC, 2017

Focus your passion

Scientists vary as much as the discoveries they have brought to the world.

Whilst some do work in labs, others spend their days in more unexpected places. A space scientist might work in the icy fields of the South Pole hunting for subatomic particles, a science entrepreneur may turn a discovery into a commercial reality within an office, and a physicist could work deep in the online world of cybersecurity.

The University of Adelaide gives you the breadth and depth of knowledge to set you on the course of becoming a future scientist, but the choice of what type of scientist you want to be and where you want to work is up to you.

Ecology, business, space, palaeontology... Which future will you choose?

Contribute to world-class research

Wherever you focus your energy, you'll be exposed to world-class research and learn from experts in the field who are actively involved in internationally recognised projects. You'll even have the chance to work with them.

The University of Adelaide is one of only three universities in the world to be involved with finding the Higgs boson, high-energy neutrinos from an active galaxy, as well as the Nobel Prize-winning discovery of gravitational waves. And our students were part of all three projects.

So, as you can see, there'll be plenty of opportunities for you to contribute to new research and discoveries.

FUTURE SCIENTIST

Business

Science plus business savvy has always equalled societal impact. But never at the speed or scale emerging now. Through advanced data analysis, next-gen technology and game-changing discoveries, the potential for commercially applied science to enhance and sustain the world is virtually unlimited.

Study:

- Bachelor of Science and Entrepreneurship

Any of our science degrees can set you on the path to becoming a business scientist. You can inject more business into your chosen degree with electives in management, marketing and entrepreneurship.

“THE UNIVERSITY WAS A PLACE WHERE I COULD FIND LIKE-MINDED PEOPLE WHO LOVED THE THINGS I WANTED TO LEARN ABOUT. BECAUSE OF THAT, I HAVE THE SKILLS, MINDSET AND PATIENCE TO TACKLE MANY PROBLEMS IN SCIENCE OR INDUSTRY, AND CREATE MY OWN JOBS AND BUSINESS OPPORTUNITIES IN SOCIETY.”

Dr Jonathan Hall
Co-founder and Director, Life Whisperer
ThinLab
Bachelor of Science



BACHELOR OF APPLIED BIOLOGY

SATAC CODE 324991	SELECTION RANK/IB 80.05 / 29	
DURATION 3 years full-time	CAMPUS Waite	GUARANTEED ENTRY 75

 adelaide.edu.au/degree-finder
Search **biology**

Find solutions in nature

Applied biology is about understanding the biology of plants, animals and microorganisms in order to solve real-world problems. It aims to produce healthier foods, a cleaner environment and better standard of living.

With 90% student satisfaction for this degree—and ranking in the top 100 in the world for biological science*—we place you at the forefront of advances in the field.

What will you do?

In our Bachelor of Applied Biology you'll:

- delve into molecular, microbial, animal and plant biology
- explore the world of biodiversity and sustainable food production
- learn about biochemistry in agricultural and medical sectors
- develop expertise and reliable research standards in the laboratory
- build professional skills through work placements.

You'll focus your interests in any of the following specialisations:

- Plant Product Innovation
- Biochemistry
- Genetics
- Microbiology and Immunology.

You can also spend a semester at an overseas university and pursue placements through advanced courses.

Where could it take you?

You could create plant-based foods that combine new tastes with environmental sustainability and health benefits. You might research the treatment of depression using drugs made from Indian gooseberries. Perhaps you'll develop non-toxic pesticides or more sustainable crop-farming methods. You could work on genetic diseases or move into media and education, sharing science with politicians and the public.

* QS World University Rankings 2018 and Student Experience Survey Overall Experience Satisfaction Level 2015-16.

Industry placement

You'll undertake 300 hours of industry or research placement, developing solutions to real-world problems. There's flexibility, too—you can choose to complete your placement in one big block, or single days over time.

You'll also have opportunities to undertake a full semester of overseas study. You could do it at a University of Adelaide priority partner institution, such as North Carolina State University or the University of Nottingham, or any other approved university.



BACHELOR OF SCIENCE

SATAC CODE 314581	SELECTION RANK/IB 66 / 24	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

ASSUMED KNOWLEDGE ● SAGE Stage 2 Chemistry
● Mathematical Methods* ● Physics
* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies

 adelaide.edu.au/degree-finder
Search **science**

Discover our world

Love science but not sure which path to take? The Bachelor of Science lets you design your own degree based on your strengths and emerging interests. From Chemistry to Palaeontology, Genetics to Geophysics—we support your scientific curiosity. Our degree is ranked best for Science in South Australia, and among the top 150 in the world*. It also has the highest graduate satisfaction ranking for science in the state**.

What will you do?

You'll learn from world-class researchers who are experts in their field as you:

- engage with new ideas through discovery and active learning
- develop deep discipline knowledge through a major
- build highly sought-after skills in communication, critical thinking and creative problem solving
- access research facilities of international significance
- develop connections in the science world through internships
- gain global experience with optional exchanges or study tours.

You can pursue any of the following major areas of study:

- Biochemistry
- Chemistry
- Ecology
- Evolutionary Biology
- Geology
- Genetics
- Geophysics
- Microbiology and Immunology
- Palaeontology
- Physics
- Theoretical Physics
- Soil Science.

Where could it take you?

You could work with plants as botanist, work in stem cell research, take up teaching or apply your skills in the business world. You might help the public engage with science through games and apps. Perhaps you'll launch your abilities as a space entrepreneur, one of the many emerging science roles we're only just beginning to imagine.

* *QILT 2017 Science and Mathematics.*

** *QS World University Rankings by Subject 2018.*

BACHELOR OF SCIENCE (ADVANCED)

SATAC CODE 324651	SELECTION RANK/IB 95.8 / 38	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 95

ASSUMED KNOWLEDGE
● SAGE Stage 2 Chemistry
● Mathematical Methods* ● Physics
* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as Mathematical Studies

ADDITIONAL ENTRY REQUIREMENTS
Year 12 applicants must have a Selection rank of 95 or higher (or equivalent).

 adelaide.edu.au/degree-finder
Search **science + advanced**

Be a visionary

Love scientific enquiry and research? Aspire to be outstanding in your field? The Bachelor of Science (Advanced) is a distinctive vocational degree for high-achieving students who want to excel in their chosen career.

What will you do?

Our advanced degree challenges you to take your scientific training and research skills to the next level. You will:

- take part in structured research activities and seminars normally only available to honours and postgraduate students
- link with academic mentors and staff in cutting-edge research areas
- receive advanced research training and access to research laboratories
- gain a breadth of experience through lab placements and a semester-long research project
- work on further projects that can be developed for an honours year and postgraduate study (master degree or PhD).

You'll design your own degree from a broad range of science majors:

- Biochemistry
- Chemistry
- Ecology
- Evolutionary Biology
- Geology
- Genetics
- Geophysics
- Microbiology and Immunology
- Palaeontology
- Physics
- Theoretical Physics
- Soil Science.

Where could it take you?

You'll graduate with enhanced research and project management skills for further study or leadership roles in your chosen specialisation. You could solve global ecology challenges or win the Nobel Prize as a quantum physicist. You might spearhead an entirely new career in space entrepreneurship, genomic editing or stem cell engineering. Perhaps you'll communicate science as an educator or politician. Whatever you choose, you'll be prepared to lead the world.

Industry placement

You'll be encouraged to undertake internships, training and overseas study placements to gain a deeper understanding of professional research. Due to the degree's flexible nature there's an enormous range of opportunities to choose from; and you can tailor these to your study and career interests.

The setting for your third-year practical work experience, however, is set. It will take place in an active research laboratory.

BACHELOR OF SCIENCE (SPACE SCIENCE AND ASTROPHYSICS)

SATAC CODE 324101	SELECTION RANK/IB 97.2 / 39	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

PREREQUISITES

- **SACE Stage 2:** SACE Stage 2: Physics, Mathematical Methods* and Specialist Mathematics.
- **IB:** Mathematics (HL grade 3) and Physics (SL grade 4/HL grade 3).

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as *Mathematical Studies*.

 adelaide.edu.au/degree-finder
Search **space** + **astrophysics**

The final frontier

Want to delve into the depths of our solar system? Explore the universe's most distant galaxies?

This is the number one degree in South Australia for Astronomical and Space Sciences research, and has a 90% student satisfaction ranking*.

What will you do?

Our Bachelor of Science (Space Science and Astrophysics) places a strong emphasis on maths and physics. You will:

- discover the fundamental processes which define our universe and our planet
- unravel the mysteries of space through core training in astronomy and space science
- gain direct access to experts in the field
- supplement learning with other science, geoscience, and maths programs
- develop problem solving skills critical to modern careers in physics, high-tech and space industries, and big data science.

You'll also have opportunities to take part in project work with established scientists.

Where could it take you?

You might research the formation of stars with a national space agency or be a planetarium director. You could forecast geomagnetic storms at the Bureau of Meteorology. Perhaps you'll work in an observatory, publish a book or host the next award-winning space documentary.

Industry placement

Throughout your degree, you can also apply for summer scholarships at the University and other institutions around Australia, where you can undertake a 6-week research project alongside professional astronomers and astrophysicists.

The practical component of the second-year subject Space Science and Astrophysics II is all project-based. You'll work in small groups to explore a particular aspect of astrophysics research. You could, for example, make optical observations with telescopes at the University observatory, or use data from satellite and ground-based observatories to understand the environments around extreme astronomical objects, like pulsars and supernovae.

Australian Space Agency

Not only will the new agency be located right next door to The University of Adelaide campus, but there will also be exciting opportunities for you to interact with industry, start-ups and space technology enterprises.

* 2015 *Excellence in research for Australia and Student Experience Survey Overall Experience Satisfaction Level 2013-2016.*

BACHELOR OF SCIENCE (HIGH PERFORMANCE COMPUTATIONAL PHYSICS) (HONOURS)

SATAC CODE 324171	SELECTION RANK/IB 80 / 29	
DURATION 4 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 90

PREREQUISITES

- **SACE Stage 2:** Physics, Mathematical Methods* and Specialist Mathematics.
- **IB:** Mathematics (HL grade 3) and Physics (SL grade 4/HL grade 3).

* If Stage 2 studies were undertaken prior to 2017, the equivalent subject was known as *Mathematical Studies*.

 adelaide.edu.au/degree-finder
Search **high** + **physics**

Enter the world of supercomputers

Love calculations, formulas and data-enabled science? Want to solve cutting-edge problems at the forefront of physics?

Computational physics is a rapidly growing and highly interdisciplinary research area. High-performance computations are an essential part of modern research in particle physics, condensed-matter physics, astrophysics, fluid mechanics, quantum field theory, quantum chromodynamics, and plasma physics.

What will you do?

In our Bachelor of Science (High Performance Computational Physics) (Honours) you will:

- take core courses in physics, mathematics and computer science
- immerse yourself in small-group discovery experiences with like-minded peers
- explore high-performance computing techniques
- learn to program parallel supercomputers using state-of-the-art computer languages
- apply sophisticated computing skills to modern physics problems.

In your final-year honours program, you'll dive deep into theoretical or computational physics and physics applications. This includes specialist research projects and courses.

Where could it take you?

Your advanced computational and mathematical skills will enable you to pursue a wide range of careers, everywhere from the computer industry—including cybersecurity and defence—to physics research and investment banking.

BACHELOR OF SCIENCE AND ENTREPRENEURSHIP

SATAC CODE 334001	SELECTION RANK/IB 65 / 24	
DURATION 3 years full-time	CAMPUS North Terrace	GUARANTEED ENTRY 75

 adelaide.edu.au/degree-finder
Search **science** • **entrepreneurship**

Step into the innovation arena

Artificial intelligence and technical innovation are expanding at a rapid speed. Change has become the only constant. Fluency in both science and entrepreneurship will set you up to embrace, benefit and thrive financially in a transforming world.

Entrepreneurs and scientific innovators find solutions and open doors. They bring evidence-based ideas under the spotlight and work fearlessly until new realities emerge.

What will you do?

Our Bachelor of Science and Entrepreneurship will teach you about technologies driving change and how to seize opportunities arising through those same changes. You will:

- develop deep discipline knowledge in your chosen science area
- apply science skills to real-world problems and business opportunities
- consider start-up funding, marketing, risks and ethics
- develop business plans for potential ventures

- spend a quarter of your time learning from industry experts in the University's Entrepreneurship, Commercialisation and Innovation Centre
- access the University's ThincLab Incubator(s).

You can also earn course credit by taking part in the Australian eChallenge—a competition-based learning experience that develops strategic business thinking for early-stage entrepreneurial ventures.

Where could it take you?

We can't wait to find out! You might clear the ocean of plastics or promote disease-resistant crops. You could market anti-aging capsules. Perhaps you'll solve the energy crisis, found the next fortune 500 company or offer tours in space. When you combine science with entrepreneurship, the limit extends to the sky and beyond.

The University of Adelaide is one of only three universities in the world to be involved with finding the Higgs boson, high-energy neutrinos from an active galaxy, as well as the Nobel Prize-winning discovery of gravitational waves. And University of Adelaide students were part of all three projects.



DOUBLE AND RELATED DEGREES

DOUBLE DEGREES

BACHELOR OF ARTS WITH BACHELOR OF SCIENCE

SATAC CODE 324021	SELECTION RANK/IB 73.5 / 26	DURATION 4 years full-time (or part-time equivalent)	CAMPUS North Terrace	i adelaide.edu.au/degree-finder Search arts + science
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This double degree offers incredible scope to follow your emerging interests and scientific curiosity, with 39 science and arts majors available. You'll become skilled in the scientific method of experimentation and research; build a strong foundation of knowledge within

your chosen scientific discipline; and gain deep insight into the ways society influences, utilises and responds to science. You'll emerge an innovative and creative thinker—with powerful communication skills—ready for an exciting and diverse range of careers.

BACHELOR OF LAWS AND BACHELOR OF SCIENCE

SATAC CODE 324111	SELECTION RANK/IB 95.05 / 37	DURATION 5 years full-time (or part-time equivalent)	CAMPUS North Terrace	i adelaide.edu.au/degree-finder Search laws + science
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BACHELOR OF ENGINEERING (HONOURS) WITH BACHELOR OF SCIENCE

SATAC CODE Various – search Degree Finder	SELECTION RANK/IB Various – search Degree Finder	DURATION 5 years full-time (or part-time equivalent)	CAMPUS North Terrace	GUARANTEED ENTRY 80	PREREQUISITES Various – search Degree Finder	i adelaide.edu.au/degree-finder Search engineering + science
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This suite of double degrees combines various disciplines of engineering and science, allowing you to study two degrees simultaneously. By combining these complementary areas of study, you can have a more diverse university experience, broaden your career prospects, and gain a competitive edge in the job market.

The following Bachelor of Engineering (Honours) combinations may be paired with the Bachelor of Science:

- Chemical*
- Civil
- Electrical and Electronic
- Environmental
- Mechanical
- Mining
- Petroleum#

* Can be paired with either Bachelor of Science or Bachelor of Science (Biotechnology).

Only available with a double major in: Geology and Geophysics; and Applied Geology.

BACHELOR OF TEACHING (MIDDLE) WITH BACHELOR OF SCIENCE

SATAC CODE 334601	SELECTION RANK/IB 73.3 / 26	DURATION 4 years full-time	CAMPUS North Terrace	i adelaide.edu.au/degree-finder Search teaching + science
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BACHELOR OF TEACHING (SECONDARY) WITH BACHELOR OF SCIENCE

SATAC CODE 334651	SELECTION RANK/IB 75.7 / 27	DURATION 4 years full-time	CAMPUS North Terrace	i adelaide.edu.au/degree-finder Search teaching + science
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This double degree prepares students to help educate and inspire the next generation of young scientists, who may go on to find employment in the rapidly growing science, technology, engineering and mathematics (STEM) fields. The degrees provide:

- extensive professional experience
- exposure to the school environment from first year
- accreditation to teach in South Australia and, in most cases, Australia and overseas.

With Australia facing a shortage science teachers, graduates are in demand.

RELATED DEGREES

BACHELOR OF HEALTH AND MEDICAL SCIENCES

SATAC CODE 324951	SELECTION RANK/IB 65.1 / 24	DURATION 3 years full-time (or part-time equivalent)	CAMPUS North Terrace	GUARANTEED ENTRY 80
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i adelaide.edu.au/degree-finder
Search **health**

BACHELOR OF COMPUTER SCIENCE

SATAC CODE 314111	SELECTION RANK/IB 66.8 / 24	DURATION 3 years full-time (or part-time equivalent)	CAMPUS North Terrace	GUARANTEED ENTRY 80
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PREREQUISITE
• SACE Stage 2 Mathematical Studies

i adelaide.edu.au/degree-finder
Search **computer**

BACHELOR OF MATHEMATICAL SCIENCES

SATAC CODE 324421	SELECTION RANK/IB 90.8 / 34	DURATION 3 years full-time (or part-time equivalent)	CAMPUS North Terrace	GUARANTEED ENTRY 80
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PREREQUISITES
• SACE Stage 2 Mathematical Studies
• Specialist Mathematics

i adelaide.edu.au/degree-finder
Search **mathematics**

BACHELOR OF LIBERAL ARTS AND SCIENCES

SATAC CODE 324941	SELECTION RANK/IB 65 / 24	DURATION 3 years full-time (or part-time equivalent)	CAMPUS North Terrace	GUARANTEED ENTRY 70
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i adelaide.edu.au/degree-finder
Search **arts + liberal**

SEIZE THE OPEN DAY

SUN
18 AUG
2019
9AM-4PM

adelaide.edu.au/openday



THE UNIVERSITY
of ADELAIDE

UNDERGRADUATE DEGREE INDEX

Students with strong interests in more than one area of study may wish to consider a double or combined degree. For a comprehensive list of available degrees, visit: www.adelaide.edu.au/degree-finder

Architecture, Law, Business and Economics

- Bachelor of Accounting
- Bachelor of Accounting and Corporate Finance
- Bachelor of Architectural Design
- Bachelor of Business Management
- Bachelor of Business Management and Accounting
- Bachelor of Business (Global)
- Bachelor of Commerce
- Bachelor of Corporate Finance
- Bachelor of Economics
- Bachelor of Economics (Advanced)
- Bachelor of Finance
- Bachelor of Innovation and Entrepreneurship
- Bachelor of International Business
- Bachelor of Laws
- Bachelor of Marketing
- Bachelor of Project Management
- Diploma in Business

Arts

- Bachelor of Arts
- Bachelor of Arts (Advanced)
- Bachelor of Creative Arts
- Bachelor of Criminology
- Bachelor of Environmental Policy and Management
- Bachelor of International Development
- Bachelor of International Relations
- Bachelor of Languages
- Bachelor of Liberal Arts and Sciences
- Bachelor of Media
- Bachelor of Music
- Bachelor of Music (Advanced)
- Bachelor of Music Theatre
- Bachelor of Peace and Conflict Studies
- Bachelor of Philosophy, Politics and Economics
- Bachelor of Social Sciences
- Bachelor of Sociology
- Bachelor of Teaching (Middle) with Bachelor of Arts

- Bachelor of Teaching (Secondary) with Bachelor of Arts
- Bachelor of Teaching with Bachelor of Economics
- Bachelor of Teaching with Bachelor of Mathematical and Computer Sciences
- Bachelor of Teaching (Secondary) with Bachelor of Music
- Bachelor of Teaching with Bachelor of Science
- Diploma in Arts
- Diploma in Languages
- Diploma in Music
- Diploma in Music (Commercial Music and Songwriting)
- Diploma in Music (Music Production)

Engineering, Computer and Mathematical Sciences

- Bachelor of Computer Science
- Bachelor of Computer Science (Advanced)
- Bachelor of Engineering (Honours) (Architectural and Structural)
- Bachelor of Engineering (Honours) (Chemical)
- Bachelor of Engineering (Honours) (Civil)
- Bachelor of Engineering (Honours) (Electrical and Electronic)
- Bachelor of Engineering (Honours) (Environmental)
- Bachelor of Engineering (Honours) (Mechanical)
- Bachelor of Engineering (Honours) (Mining)
- Bachelor of Engineering (Honours) (Petroleum)
- Bachelor of Engineering (Honours) (Petroleum) with majors
- Bachelor of Engineering (Honours) (Software)
- Bachelor of Engineering (Honours) – Flexible Entry
- Bachelor of Engineering (Honours) – Engineering Pathway
- Bachelor of Mathematical Sciences
- Bachelor of Mathematical Sciences (Advanced)
- Bachelor of Mathematical and Computer Sciences

Health

- Bachelor of Dental Surgery
- Bachelor of Health and Medical Sciences
- Bachelor of Health and Medical Sciences (Advanced)
- Bachelor of Medicine and Bachelor of Surgery
- Bachelor of Nursing
- Bachelor of Oral Health
- Bachelor of Psychological Science
- Bachelor of Psychology (Advanced)/Honours

Sciences

- Bachelor of Agricultural Sciences
- Bachelor of Applied Biology
- Bachelor of Food and Nutrition Science
- Bachelor of Science
- Bachelor of Science (Advanced)
- Bachelor of Science (Animal Science)
- Bachelor of Science (Animal Behaviour)
- Bachelor of Science (Biomedical Science)
- Bachelor of Science (Biotechnology)
- Bachelor of Science (Ecotourism)
- Bachelor of Science (High Performance Computational Physics) (Honours)
- Bachelor of Science (Marine Biology)
- Bachelor of Sciences (Mineral Geoscience)
- Bachelor of Science (Space Science and Astrophysics)
- Bachelor of Science (Veterinary Bioscience)
- Bachelor of Science (Wildlife Conservation Biology)
- Bachelor of Science and Entrepreneurship
- Bachelor of Viticulture and Oenology

APPLYING TO THE UNIVERSITY OF ADELAIDE

How to apply

Applications to University of Adelaide undergraduate programs are made online via SATAC: satac.edu.au

The application closing date for 2020 entry is 30 September 2019. Bachelor of Medicine and Bachelor of Surgery and Bachelor of Dental Surgery applicants should refer to the UCAT website for information on the University Clinical Aptitude Test (UCAT) including application and test dates: ucat.edu.au/ucat-anz/

International students should refer to: international.adelaide.edu.au/apply

Entry pathways

There are many pathways applicants can take to apply to the University of Adelaide, including SACE, International Baccalaureate (IB), STAT, TAFE, preparatory programs, foundation study and more.

To find out more about the available pathways, visit adelaide.edu.au/study and select *Entry Pathways* from the menu.

Fees and costs

In 2019, student contributions for Commonwealth supported students studying an equivalent full-time study load were as follows.

Band 1:

Humanities, behavioural sciences, social studies, foreign languages, visual and performing arts, education, nursing, clinical psychology. \$6,566

Band 2:

Computing, built environment, allied health, other health, engineering, surveying, agriculture, science, mathematics, statistics. \$9,359

Band 3:

Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce..... \$10,958

These annual fees are indicative only as actual charges are determined at the course level based on the area of study. Fees may increase in 2020.

HECS Higher Education Loan

This program, known as HECS-HELP assists eligible students to pay their student contribution. Further information is available at: www.studyassist.gov.au

Scholarships

The University of Adelaide has a range of scholarships available to students from a variety of backgrounds and academic levels.

Comprehensive information about scholarships, and how to apply, can be obtained by contacting us (refer below for details) or visiting the scholarships website: adelaide.edu.au/scholarships

Student services and amenities fee

Students are charged an annual student services and amenities fee (SSAF) to assist with the funding of student services and amenities at the University.

In 2019, the SSAF amount for full-time students was \$303, and for part-time students it was \$227. Fees may increase in 2019. Eligible students may defer this fee to an SA-HELP loan.

For further information about the SSAF and SA-HELP visit: adelaide.edu.au/student/finance and select *Other Fees and Charges*.

Additional costs

Students may be required to pay for specialist equipment, reading materials, etc. Students are advised not to purchase any equipment until they receive their faculty/school handbook, available during orientation.

For more information on other program-related fees and charges, visit adelaide.edu.au/student/finance and select *Other Fees and Charges*.

Bonus points

SATAC centrally administer a South Australian Universities Bonus Scheme. The two schemes are the SA Universities Equity Scheme and the SA Language, Literacy and Mathematics Bonus Scheme.

For more details, please visit adelaide.edu.au and search *Bonus Points*.

Degree intake

Many undergraduate degrees will allow students to begin study in February or July. Please refer to individual degrees on Degree Finder (www.adelaide.edu.au/degree-finder) to check whether midyear entry is available.

Where Degree Finder states 'subject to availability' applicants should contact Ask Adelaide (refer below for details) to check whether midyear entry is available.

Deferring your studies

Most undergraduate degrees can be deferred for up to two years. Please refer to specific degrees for exceptions.

English language requirements for international students

All international students undertaking an Australian year 12 program are required to achieve a Pass grade or above in one of the approved English as a Second Language or English language subjects.

If an applicant attempts, but does not pass, the English language subject then alternative options, such as an acceptable English language proficiency test result, may be arranged.

Details of recognised subjects and recognised tests and requirements are available by visiting international.adelaide.edu.au/apply, selecting *Admissions Information* from the menu, then *English Language Requirements*.

Successful completion of the International Baccalaureate (IB) diploma meets the English language requirements of the University of Adelaide.

Permanent residency

International students who have studied an Australian year 12 program or the IB and expect to be granted Australian permanent residency before the commencement of their university study must contact the International Office.

To contact the International Office for more information, visit international.adelaide.edu.au, select *About Us* from the menu, then *International Office* and *Enquire Now*.

Accommodation

The University understands that finding the right accommodation is important to successful study. For accommodation options and costs please visit: adelaide.edu.au/accommodation

More information

Answer your questions using our online Knowledge Base or our helpful staff can respond via email to your enquiries.

Please see back cover for contact details

FOR FURTHER ENQUIRIES

The University of Adelaide SA 5005 Australia

ENQUIRIES future.ask.adelaide.edu.au

TELEPHONE +61 8 8313 7335

FREE-CALL 1800 061 459

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