LOCATION OF ADELAIDE
Australia’s most affordable mainland city
5th most livable city in the world

ADVANTAGES OF ADELAIDE
1.3 million
Culturally diverse
Easy to get around
OVERVIEW OF THE UNIVERSITY OF ADELAIDE
WHY CHOOSE THE UNIVERSITY OF ADELAIDE?

- Ranked in top 1% of universities worldwide
- Associated with 5 Nobel Laureates
- Produced 110 Rhodes Scholars
- Member of Group of Eight
- Students from over 100 countries
- 120 Exchange Partners
RANKINGS

134 in the world in The Times Higher Education World University Rankings 2018

139 in the world by the Shanghai Jiao Tong Academic Ranking of World Universities 2017

109 in the 2018 QS World University Rankings
ANIMAL & VETERINARY SCIENCES

**TOP 150**
- Ranked in the top 150 in the world and best in South Australia for Science

**TOP 150**
- Ranked in the top 150 in the world and best in South Australia for Veterinary Sciences

**5-STAR**
- 5-star Excellence in Research Australia ranking in Veterinary Sciences

*QS World University Ranking by Subject 2018*

^ ERA Outcomes (2015/2016)
ROSEWORTHY CAMPUS

- World-renowned centre dry-land agriculture and animal production
- Home to South Australia’s only veterinary school
- Co-location with industry
- Commercial farm including poultry unit, sheep enterprise, piggery and Angus beef cattle herd
- 24hour/7day security
- Accommodation on-campus
- Shuttle bus service between campuses
FACILITIES
SPECIALIST FACILITIES

• A $37 million centre located at Roseworthy campus. Offers integrated teaching and research space in fully operational veterinary teaching hospitals such as;

  • Companion Animal Health Centre
  • Equine Health and Performance Centre
  • Production Animal Health Centre
  • Veterinary Diagnostics Laboratory
DEGREE OPTIONS

- Bachelor of Science (Veterinary Bioscience)/Doctor of Veterinary Medicine (DVM)
- NEW Bachelor of Science (Animal Behaviour)
- Bachelor of Science (Animal Science)

- NEW Honours in Animal Behaviour
- Honours in Animal Science
- Masters/PhD in Science
WHAT’S THE DIFFERENCE?

• **Veterinary Science** applies medical, diagnostic and therapeutic principles to prevention and treatment of disease in companion animals, wildlife and livestock.

• **Animal Behaviour** is the study of how individual animals act and interact with each other, other species and the environment.

• **Animal Science** is the study of the biology of animals with a focus on vertebrates (particularly mammals) and their function.
Comprised of two degrees: Bachelor of Science (Veterinary Bioscience) and Doctor of Veterinary Medicine

Bachelor of Science (Veterinary Bioscience) graduates gain direct entry into the Doctor of Veterinary Medicine

Smallest veterinary class size in Australia

Develop clinical skills in $37 million Veterinary Health Centre, located on-campus

Industry partners
Accredited by:
• Australasian Veterinary Boards Council (AVBC)
• Veterinary Surgeons' Board of Hong Kong
• Royal College of Veterinary Surgeons (UK)

Eligible for registration in:
• Australia
• New Zealand
• South Africa
• Singapore
• United Kingdom
• Hong Kong
Bachelor of Science (Veterinary Bioscience)

**Duration:** Three years

**Campus:** North Terrace and Roseworthy

**Pre-requisites:** Chemistry and Mathematical Methods*

*If studied in 2017. If studied year 12 prior to 2017, the equivalent subject was called Mathematical Studies.

**Assumed Knowledge:** Physics

**Additional entry requirements:** Questionnaire and interview

<table>
<thead>
<tr>
<th>International ATAR</th>
<th>International IB</th>
<th>UEC (Malaysia)</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>33</td>
<td>5</td>
</tr>
<tr>
<td>A Levels</td>
<td>HKDSE (Hong Kong)</td>
<td>University of Adelaide College</td>
</tr>
<tr>
<td>12</td>
<td>22</td>
<td>83</td>
</tr>
</tbody>
</table>
**Bachelor of Science (Veterinary Bioscience)**

<table>
<thead>
<tr>
<th>Tertiary requirements:</th>
<th>English language requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPA threshold: 5 (out of 7)</td>
<td><strong>IELTS:</strong></td>
</tr>
<tr>
<td>Credit average in Year 1 in:</td>
<td></td>
</tr>
<tr>
<td>o Biology</td>
<td>o Reading: 7</td>
</tr>
<tr>
<td>o Chemistry</td>
<td>o Listening: 7</td>
</tr>
<tr>
<td></td>
<td>o Speaking: 7</td>
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<tr>
<td></td>
<td>o Writing: 7</td>
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<tr>
<td>OR:</td>
<td><strong>OR:</strong></td>
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<td>OR:</td>
<td><strong>OR:</strong></td>
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</tr>
</tbody>
</table>
# Bachelor of Science (Veterinary Bioscience)

**APPLICATION DEADLINE:**

30<sup>TH</sup> SEPTEMBER PRIOR TO YEAR OF ENTRY

<table>
<thead>
<tr>
<th>Step 1: Questionnaire</th>
<th>Step 2: Interview</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focuses on animal experience, knowledge of the profession and leadership skills</td>
<td>Awarded by invitation based on eligibility.</td>
</tr>
<tr>
<td></td>
<td>Online or Face-to-Face: 20 mins with 2 members of admissions committee.</td>
</tr>
<tr>
<td></td>
<td>Interviews take place throughout the year</td>
</tr>
</tbody>
</table>

- Offers may be made to offshore international students following the interview process
- On-shore international students (completing Year 12 in Australia) will receive offers through SATAC in December

The University of Adelaide
Inherent requirements of a veterinarian

There are observational, communication, motor and intellectual skills required to become a registered veterinarian.

For example, can you:

- Stand for long periods while using both hands?
- Undertake manual tasks e.g. move or position equipment or animals (from mice to horses), and lift the limbs of animals?
- Manoeuvre around equipment and animals in confined spaces?

A full list of requirements dictated by the Australasian Veterinary Boards Council and the Royal College of Veterinary Surgeons (UK) is available on our website:

[sciences.adelaide.edu.au/current-students/forms](http://sciences.adelaide.edu.au/current-students/forms)
# Veterinary Bioscience

## What is studied?

### Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td><strong>Basic sciences</strong> (at North Terrace Campus)</td>
</tr>
<tr>
<td></td>
<td>- Biology, Chemistry, Physics, Statistics</td>
</tr>
<tr>
<td></td>
<td><strong>Practical animal courses</strong> (at Roseworthy):</td>
</tr>
<tr>
<td></td>
<td>- Animal Handling &amp; Husbandry</td>
</tr>
<tr>
<td></td>
<td>- Animal Behaviour, Welfare &amp; Ethics</td>
</tr>
<tr>
<td>Year 2</td>
<td><strong>Advanced Sciences</strong> (+ Veterinary Science courses at Roseworthy)</td>
</tr>
<tr>
<td></td>
<td>- Animal and Plant Biochemistry</td>
</tr>
<tr>
<td></td>
<td>- Genes &amp; Inheritance</td>
</tr>
<tr>
<td></td>
<td>- Animal Nutrition and Metabolism</td>
</tr>
<tr>
<td></td>
<td>- Veterinary Anatomy &amp; Physiology</td>
</tr>
<tr>
<td></td>
<td>- Professional Skills in Veterinary Science</td>
</tr>
<tr>
<td>Year 3</td>
<td><strong>Veterinary Science courses</strong> (Roseworthy)</td>
</tr>
<tr>
<td></td>
<td>- Veterinary Anatomy &amp; Physiology</td>
</tr>
<tr>
<td></td>
<td>- Veterinary Immunology &amp; Infectious Disease</td>
</tr>
<tr>
<td></td>
<td>- Veterinary Epidemiology &amp; Evidence Based Medicine</td>
</tr>
<tr>
<td></td>
<td>- Veterinary Parasitology</td>
</tr>
<tr>
<td></td>
<td>- Professional Skills in Veterinary Science</td>
</tr>
<tr>
<td>Extramural studies</td>
<td><strong>12 weeks (during vacation time)</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Focus on animal husbandry</strong></td>
</tr>
</tbody>
</table>
Doctor of Veterinary Medicine (DVM)

**Duration:** Three year postgraduate degree

**Campus:** Roseworthy

**Entry requirements:**

1. Successful completion of the Bachelor of Science (Veterinary Bioscience)
2. Successful completion of 12 weeks of Animal Husbandry Extramural Studies (AHEMS)
### Degree structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Para-Clinical:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 4</td>
<td>Fundamentals of anaesthesia, surgery, diagnostic imaging; pathology, clinical research project, pharmacology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Clinical:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 5</td>
<td>Companion animal practice, equine practice, ruminant practice, wildlife practice, public health</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 6</th>
<th>Workplace-based in clinics:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major disciplines e.g. companion animals, equine, production animals, anesthesia, public health, pathology</td>
</tr>
<tr>
<td></td>
<td>Elective rotation including possibility of international travel</td>
</tr>
</tbody>
</table>
Annual Fees

2019:

- Bachelor of Science (Veterinary Bioscience)  
  $59,000

- Doctor of Veterinary Medicine  
  $59,000
CAREERS IN VETERINARY MEDICINE

- Veterinarian in practice
- Specialist consultant (with further training)
- Government veterinarian
- University
“Studying an internationally recognised veterinary degree has opened doors for me to work as a veterinarian in large and small animal general practice, specialist hospitals and non-profit animal organisations, both within Australia and overseas.”

Doctor of Veterinary Medicine
Veterinary Ultrasonographer
Hong Kong Mobile Veterinary Ultrasound Service
NEW ANIMAL BEHAVIOUR

• Brand new program - building on highly successful Animal Science and Veterinary Bioscience programs
• Provides focussed courses relating to companion animal, production animal and wildlife species
• Take part in a 13-week industry research project, including site visits, field work and placements
ANIMAL BEHAVIOUR

• Is a specialist field important to animal-related professions
• Informs how we manage and treat animals
• Has direct application in animal welfare, management of animals and how animals are viewed in society.
Bachelor of Science (Animal Behaviour)

Duration: Three years

Campus: North Terrace and Roseworthy

International ATAR: 75

2018 IB: 26

HKDSE (Hong Kong): 18

Assumed Knowledge: Mathematical Methods*

*If studied in 2017. If studied year 12 prior to 2017, the equivalent subject was called Mathematical Studies.

Annual Fees: $36,500
Bachelor of Science (Animal Behaviour)
What is studied?

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<tr>
<td><strong>Year 1</strong></td>
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<tr>
<td>• Basic science foundation (at North Terrace campus)</td>
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<tr>
<td>• Introduction to animals and animal handling skills (Roseworthy)</td>
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<tr>
<td>• Psychology</td>
</tr>
<tr>
<td><strong>Year 2</strong></td>
</tr>
<tr>
<td>• Biological sciences, research methodology and behaviour</td>
</tr>
<tr>
<td>• Number of elective choices</td>
</tr>
<tr>
<td><strong>Year 3</strong></td>
</tr>
<tr>
<td>• Emphasis on animal behaviour</td>
</tr>
<tr>
<td>• Number of elective choices</td>
</tr>
<tr>
<td>• Internship</td>
</tr>
</tbody>
</table>
CAREERS IN ANIMAL BEHAVIOUR

- Research
- Animal management officers working for government
- Animal behaviourists in private veterinary practices
- Animal trainers working in shelters and self-employed
- Dog trainers working in shelters and self-employed
- Animal behaviourist in zoos
- Not-for-profit
“As a dog handler I’m responsible for maintaining the skills and health of my assigned dog. I gained the necessary practical experience with dog behaviour and training during my degree, especially through my Honours project. Each subject had a practical part with different types of animals and lots of experiences from handling to physiology.”

Lucy B
Detector Dog Handler and Biosecurity Officer
Bachelor of Science
(Animal Science)
ANIMAL SCIENCE

• The degree has a 90% student satisfaction ranking.*
• Range of animal science courses are available, covering livestock, horses, wildlife, companion animals and laboratory animals
• Opportunity to complete 12 weeks of professional work experience as part of the program.
Bachelor of Science (Animal Science)

Duration: Three years

Campus: North Terrace and Roseworthy

International ATAR: 80

2018 IB: 28

HKDSE (Hong Kong): 22

Assumed Knowledge: Chemistry and Mathematical Methods*
*If studied in 2017. If studied year 12 prior to 2017, the equivalent subject was called Mathematical Studies.

Annual Fees: $36,500
Bachelor of Science (Animal Science)

What is studied?

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<td><strong>Year 2</strong></td>
</tr>
<tr>
<td>• Biological sciences background</td>
</tr>
<tr>
<td>• Emphasis on general animal knowledge (Roseworthy)</td>
</tr>
<tr>
<td><strong>Year 3</strong></td>
</tr>
<tr>
<td>• Animal science subjects</td>
</tr>
<tr>
<td>• In-depth exposure to all aspects of animal structure and function (Roseworthy)</td>
</tr>
</tbody>
</table>
Bachelor of Science (Animal Science)

• Good knowledge of animal disciplines and experience with a range of species

• Specialised subjects:
  o livestock
  o wildlife
  o equine and companion animals
  o laboratory animals

• Animal handling
CAREERS IN ANIMAL SCIENCE

Livestock
- Animal Health Officer
- Animal Research
- Animal Nutritionist
- Animal Reproduction

Non-Livestock
- Research officer
- National park ranger/zoo
- Animal welfare adviser
- Journalist
“I loved the practical work we did alongside experts in the field and opportunities to help with research. I use knowledge gained from my degree regularly in my career as a zookeeper.”

Bachelor of Science (Animal Science)
Zookeeper, Adelaide Zoo
SCHOLARSHIPS

• Academic Excellence Scholarships
• Global Leaders Scholarship
• Alumni Scholarships (International)
• Higher Education Scholarships
• Family Scholarships (International)
• Partner Scholarship
• Matching Scholarships
• Global Citizens Scholarships

www.adelaide.edu.au/scholarships