

# Bachelor of Veterinary Biology/ Bachelor of Veterinary Science (Honours) Integrated Honours

## *includes:*

**Bachelor of Veterinary Biology/ Bachelor of Veterinary Science**  
**Bachelor of Veterinary Biology/ Bachelor of Veterinary Science (Honours)**  
**Bachelor of Veterinary Biology [Exit Point Only]**

The Bachelor of Veterinary Biology aims to provide graduates who are highly competent in the livestock, companion and performance animal and associated industries and who are internationally recognised for educational and research excellence in the field of health, welfare and productivity of farmed livestock. Graduates will have highly developed interpersonal, problem solving and decision making skills and a commitment to lifelong learning and professional development. The course is designed to enhance national biosecurity and surveillance of animal diseases through undergraduate training, outreach programs and research.

## **The course includes the following awards:**

Bachelor of Veterinary Biology *BVetBiol*

Bachelor of Veterinary Biology / Bachelor of Veterinary Science *BVetBiol/BVetSc*

Bachelor of Veterinary Biology / Bachelor of Veterinary Science (Honours)  
*BVetBiol/BVetSc(Hons)*

## **Course Study Modes and Locations**

**Bachelor of Veterinary Biology / Bachelor of Veterinary Science (4488BS)**

*On Campus - Wagga Wagga*

Availability is subject to change, please verify prior to enrolment.

## **Normal course duration**

**Bachelor of Veterinary Biology/ Bachelor of Veterinary Science (Honours)**

Full-time 6.0 years (12.0 sessions)

**Bachelor of Veterinary Biology/ Bachelor of Veterinary Science**

Full-time 6.0 years (12.0 sessions)

**Bachelor of Veterinary Biology [Exit Point Only]**

Full-time 3.0 years (6.0 sessions)

Normal course duration is the effective period of time taken to complete a course when studied Full-time (Full-time Equivalent: FTE). Students are advised to consult the Enrolment Pattern for the actual length of study. Not all courses are offered in Full-time mode.

**Admission criteria**

[CSU Admission Policy](#)

**Bachelor of Veterinary Biology/ Bachelor of Veterinary Science (Honours)**

In order to be eligible to transfer into the Honours stream at the beginning of year 5 of the double degree program, students will have to obtain grades of credit or above in at least 50% of the subjects in Year 2,3 and 4 years of the combined degree program.

**Bachelor of Veterinary Biology/ Bachelor of Veterinary Science**

Entry to the Bachelor of Veterinary Biology/ Bachelor of Veterinary Science will be composed of the ATAR (or interstate equivalent) or GPA equivalent, a written supplementary application and an interview.

The following selection criteria will be adopted when assessing applicants via the written supplementary application and the interview:

1. A high level of academic ability demonstrated through previous studies, especially in the Sciences and Mathematics
2. An interest in and commitment to rural and/or regional communities, veterinary science and animal production,
3. An understanding of the unique ethical and practical issues that confront veterinarians involved with rural and/or regional practice and animal production,
4. The capacity to communicate effectively, both orally and in writing.

Although there are no formal prerequisites it is highly recommended that school leavers will have studied one or more science disciplines and high level mathematics at Year 12 level,

and that university students will have studied a science based degree at university.

International entrants are required to have a minimum overall IELTS score of 7.0 and an individual band score of not less than 7.0 on each component (or equivalent).

Applicants who are invited to attend interview will be required to successfully complete an Australian Course Skills Framework (ACSF) accredited numeracy assessment as part of the interview process.

## **Credit**

[CSU Credit Policy](#)

### **Bachelor of Veterinary Biology/ Bachelor of Veterinary Science (Honours)**

Standard CSU credit rules apply

### **Bachelor of Veterinary Biology/ Bachelor of Veterinary Science**

Standard CSU credit rules apply

## **Graduation requirements**

### **Bachelor of Veterinary Biology/ Bachelor of Veterinary Science (Honours)**

To graduate students must satisfactorily complete 384 points.

### **Bachelor of Veterinary Biology/ Bachelor of Veterinary Science**

To graduate students must satisfactorily complete 384 points.

### **Bachelor of Veterinary Biology *[Exit Point Only]***

To graduate students must satisfactorily complete 192 points.

## **Course Structure**

This course consists of 384 points for both Pass and Honours streams:

**Core subjects for both Pass and Honours streams (360 points; 45 subjects)**

[CHM102](#)Chemistry for Dental and Veterinary Sciences  
[ASC221](#)Animal Genetics  
[ASC262](#)Veterinary Reproduction  
[ASC273](#)Animal Nutrition  
[ASC370](#)Ruminant Production and Welfare  
[ASC474](#)Intensive Animal Production and Welfare  
[BCM210](#)Foundations and Techniques in Biochemistry  
[VSC110](#)Animal Production and Welfare  
[VSC113](#)Fundamentals of Veterinary Cell Biology  
[VSC114](#)Applied Veterinary Epidemiology  
[VSC115](#)Pastures and Profits in Grazing Systems  
[VSC118](#)Veterinary Practice 1  
[VSC223](#)Veterinary Histology and Immunology  
[VSC218](#)Veterinary Practice 2  
[VSC224](#)Veterinary Anatomy  
[VSC225](#)Comparative Anatomy  
[VSC226](#)Veterinary Physiology  
[VSC227](#)Applied Veterinary Physiology  
[VSC310](#)Principles of Pathobiology  
[VSC321](#)Principles of Clinical and Systematic Pathology  
[VSC323](#)Veterinary Microbiology and Parasitology  
[VSC324](#)Veterinary Pharmacology, Diagnostics and Therapeutics  
[VSC331](#)Diagnosis and Critical Thinking in Veterinary Science  
[VSC332](#)Advanced Animal Nutrition & Biochemistry  
[VSC415](#)Population Medicine  
[VSC416](#)Production Animal Medicine 1  
[VSC417](#)Companion Animal Medicine and Surgery 1  
[VSC418](#)Public Health and Biosecurity 1  
[VSC425](#)Companion Animal Medicine and Surgery 2  
[VSC426](#)Production Animal Medicine 2  
[VSC427](#)Companion Animal Medicine and Surgery 3  
[VSC410](#)Clinical Practice 1  
[VSC420](#)Clinical Practice 2  
[VSC450](#)Clinical Practice 3  
[VSC451](#)Companion Animal Medicine and Surgery 4  
[VSC453](#)Public Health and Biosecurity 2  
[VSC455](#)Transition to the Profession  
[VSC456](#)Clinical Rotation 1 - Equine Practice  
[VSC457](#)Clinical Rotation 2 - Small Animal Practice  
[VSC461](#)Clinical Rotation 3 - Dairy Cattle Practice

[VSC462](#)Clinical Rotation 4 - Rural Practice  
[VSC463](#)Clinical Rotation 5 - Veterinary Diagnostic Services  
[VSC467](#)Clinical Rotation 9 - State Veterinary Medicine  
[VSC470](#)Clinical Rotation 10 - Clinical Extramural Studies 3  
[VSC460](#)Veterinary Professional Practice

**Restricted elective subjects for Pass stream only (24 points)**

24 POINTS CHOSEN FROM:

[VSC464](#)Clinical Rotation 6 - Specialism Practice  
[VSC465](#)Clinical Rotation 7 - Livestock Industries  
[VSC466](#)Clinical Rotation 8 - Mixed Practice  
Compulsory subjects for Honours stream only (16 points; 1 subject)  
[HRS417](#)Science Honours Project/Dissertation (16 points)

**Restricted elective subjects for Honours stream only (8 points)**

**8 POINTS CHOSEN FROM:**

[VSC464](#)Clinical Rotation 6 - Specialism Practice  
[VSC465](#)Clinical Rotation 7 - Livestock Industries

**BACHELOR OF VETERINARY BIOLOGY (Exit point only course)**

[CHM102](#)Chemistry for Dental and Veterinary Sciences  
[ASC221](#)Animal Genetics  
[ASC262](#)Veterinary Reproduction  
[ASC273](#)Animal Nutrition  
[ASC370](#)Ruminant Production and Welfare  
[ASC474](#)Intensive Animal Production and Welfare  
[BCM210](#)Foundations and Techniques in Biochemistry  
[VSC110](#)Animal Production and Welfare  
[VSC113](#)Fundamentals of Veterinary Cell Biology  
[VSC114](#)Applied Veterinary Epidemiology  
[VSC115](#)Pastures and Profits in Grazing Systems  
[VSC118](#)Veterinary Practice 1  
[VSC223](#)Veterinary Histology and Immunology  
[VSC218](#)Veterinary Practice 2  
[VSC224](#)Veterinary Anatomy  
[VSC225](#)Comparative Anatomy  
[VSC226](#)Veterinary Physiology  
[VSC227](#)Applied Veterinary Physiology  
[VSC310](#)Principles of Pathobiology  
[VSC321](#)Principles of Clinical and Systematic Pathology  
[VSC323](#)Veterinary Microbiology and Parasitology

[VSC324](#)Veterinary Pharmacology, Diagnostics and Therapeutics  
[VSC331](#)Diagnosis and Critical Thinking in Veterinary Science  
[VSC332](#)Advanced Animal Nutrition & Biochemistry

## Enrolment Pattern

### Common to pass and Honours streams

#### Full-time

##### Phase 1

##### Session 1 (Session 1)

[CHM102](#)Chemistry for Dental and Veterinary Sciences  
[VSC113](#)Fundamentals of Veterinary Cell Biology  
[VSC110](#)Animal Production and Welfare  
[VSC118](#)Veterinary Practice 1 (commenced)

##### Session 2 (Session 2)

[VSC114](#)Applied Veterinary Epidemiology  
[VSC115](#)Pastures and Profits in Grazing Systems  
[VSC224](#)Veterinary Anatomy  
[ASC221](#)Animal Genetics  
[VSC118](#)Veterinary Practice 1 (completed)

##### Session 3 (Session 1)

[BCM210](#)Foundations and Techniques in Biochemistry  
[VSC225](#)Comparative Anatomy  
[VSC226](#)Veterinary Physiology  
[VSC218](#)Veterinary Practice 2 (commenced)

##### Session 4 (Session 2)

[ASC273](#)Animal Nutrition  
[ASC370](#)Ruminant Production and Welfare  
[VSC223](#)Veterinary Histology and Immunology  
[VSC227](#)Applied Veterinary Physiology  
[VSC218](#)Veterinary Practice 2 (completed)

##### Session 5 (Session 1)

[ASC262](#)Veterinary Reproduction  
[ASC474](#)Intensive Animal Production and Welfare  
[VSC310](#)Principles of Pathobiology  
[VSC332](#)Advanced Animal Nutrition & Biochemistry

**Session 6 (Session 2)**

[VSC321](#)Principles of Clinical and Systematic Pathology

[VSC323](#)Veterinary Microbiology and Parasitology

[VSC324](#)Veterinary Pharmacology, Diagnostics and Therapeutics

[VSC331](#)Diagnosis and Critical Thinking in Veterinary Science

*Students may elect to exit at this point with the Bachelor of Veterinary Biology BVetBiology (exit point only). Students cannot progress to Fourth Year until the Bachelor of Veterinary Biology is completed.*

**Phase 2****Session 7 (Session 1)**

[VSC410](#)Clinical Practice 1

[VSC415](#)Population Medicine

[VSC416](#)Production Animal Medicine 1

[VSC417](#)Companion Animal Medicine and Surgery 1

**Session 8 (Session 2)**

[VSC418](#)Public Health and Biosecurity 1

[VSC420](#)Clinical Practice 2

[VSC425](#)Companion Animal Medicine and Surgery 2

[VSC426](#)Production Animal Medicine 2

**Pass stream****Session 9 (Session 1)**

[VSC427](#)Companion Animal Medicine and Surgery 3

[VSC453](#)Public Health and Biosecurity 2

[VSC451](#)Companion Animal Medicine and Surgery 4

[VSC450](#)Clinical Practice 3

*Students cannot progress to Phase 3 until Phase 2 is completed.*

**Phase 3****Session 10 (Session 2)**

[VSC455](#)Transition to the Profession

[VSC456](#)Clinical Rotation 1 Equine Practice

[VSC457](#)Clinical Rotation 2 - Small Animal Practice

[VSC466](#)Clinical Rotation 8 - Mixed Practice

**Session 11 (Session 3)**

[VSC461](#)Clinical Rotation 3 - Dairy Cattle Practice

[VSC462](#)Clinical Rotation 4 - Rural Practice  
[VSC464](#)Clinical Rotation 6 – Specialism Practice  
[VSC465](#)Clinical Rotation 7 – Livestock Industries

**Session 12 (Session 1)**

[VSC463](#)Clinical Rotation 5 - Veterinary Diagnostic Services  
[VSC467](#)Clinical Rotation 9 - State Veterinary Medicine  
[VSC470](#)Clinical Rotation 10 – Clinical Extramural Studies 3  
[VSC460](#)Veterinary Professional Practice

**Honours stream****Session 9 (Session 1)**

[VSC427](#)Companion Animal Medicine and Surgery 3  
[VSC453](#)Public Health and Biosecurity 2  
[VSC450](#)Clinical Practice 3  
[VSC451](#)Companion Animal Medicine and Surgery 4

*Students cannot progress to Phase 3 until Phase 2 is completed.*

**Phase 3****Session 10 (Session 2)**

[VSC455](#)Transition to the Profession  
[HRS417](#)Science Honours Project/Dissertation (16)(commenced, 8 points)  
[VSC456](#)Clinical Rotation 1 - Equine Practice  
[VSC457](#)Clinical Rotation 2 - Small Animal Practice

**Session 11 (Session 3)**

[HRS417](#)Science Honours Project/Dissertation (16) (completed, 8 points)  
[VSC461](#)Clinical Rotation 3 - Dairy Cattle Practice  
[VSC462](#)Clinical Rotation 4 - Rural Practice  
[VSC464](#)Clinical Rotation 6 - Specialism Practice OR [VSC465](#)Clinical Rotation 7 - Livestock Industries

**Session 12 (Session 1)**

[VSC463](#)Clinical Rotation 5 - Veterinary Diagnostic Services  
[VSC467](#)Clinical Rotation 9 - State Veterinary Medicine  
[VSC470](#)Clinical Rotation 10 – Clinical Extramural Studies 3  
[VSC460](#)Veterinary Professional Practice

**Workplace learning**



Please note that the following subjects may contain a Workplace Learning component.

VSC118 Veterinary Practice 1  
VSC218 Veterinary Practice 2  
VSC331 Diagnosis and Critical Thinking in Veterinary Science  
VSC410 Clinical Practice 1  
VSC420 Clinical Practice 2  
VSC450 Clinical Practice 3  
VSC456 Clinical Rotation 1 - Equine Practice  
VSC457 Clinical Rotation 2 - Small Animal Practice  
VSC461 Clinical Rotation 3 - Dairy Cattle Practice  
VSC462 Clinical Rotation 4 - Rural Practice  
VSC463 Clinical Rotation 5 - Veterinary Diagnostic Services  
VSC464 Clinical Rotation 6- Specialism Practice  
VSC465 Clinical Rotation 7- Livestock Industries  
VSC466 Clinical Rotation 8 - Mixed Practice  
VSC467 Clinical Rotation 9 - State Veterinary Medicine  
VSC470 Clinical Rotation 10 - Clinical Extramural Studies 3

### **Residential School**

Please note that the following subjects may have a residential school component.

ASC273 Animal Nutrition  
ASC370 Ruminant Production and Welfare  
BCM210 Foundations and Techniques in Biochemistry

Enrolled students can find further information about CSU residential schools via the [About Residential School](#) page.

### **Accreditation**

The Australasian Veterinary Boards Council, through the Veterinary Schools Accreditation Advisory Committee during its 2010 visit to the school reviewed the curriculum and syllabus and recommended the adoption of all proposed changes in the interests of improving the student experience, developing lifelong learning and problem solving skills in the undergraduates and appropriately recognising the move to a problem based learning structure in the middle years of the course (Appendices). These changes have been developed through the Veterinary Program Committee in consultation with the Veterinary Schools Accreditation Advisory Committee.

## Contact

For further information about Charles Sturt University, or this course offering, please contact info.csu on 1800 334 733 (free call within Australia) or email [inquiry@csu.edu.au](mailto:inquiry@csu.edu.au)

*The information contained in the 2016 CSU Handbook was accurate at the date of publication: April 2016. The University reserves the right to vary the information at any time without notice.*

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