

## **Bachelor of Agriculture (67788932)**

The Bachelor of Agriculture is comprised of 192 points and is offered online .

### ***Key Subjects***

[AGR130](#) Biology in Agriculture (8)

[AGS107](#) Precision Agriculture and Data Handling (8)

### ***Core Subjects***

[AGB110](#) Agricultural Economics (8)

[AGB310](#) Agricultural Marketing (8)

[AGR130](#) Biology in Agriculture (8)

[AGR202](#) Food, Environment and Culture (8)

[AGR203](#) Production Analysis and Optimisation (8)

[AGR220](#) Extension (8)

[AGS100](#) Livestock Production Systems (8)

[AGS107](#) Precision Agriculture and Data Handling (8)

[AGS120](#) Managing Contemporary Farm Systems (8)

[AGS160](#) Plant Production Systems (8)

[AGS203](#) Agricultural Biotechnology (8)

[AGS300](#) Livestock Management (8)

[AGS422](#) Contemporary Issues in Agriculture (8)

[AHT101](#) Professional Skills in Agriculture and Horticulture (8)

[AHT231](#) Agricultural Finance and Business Management (8)

[CHM108](#) Chemical Fundamentals (8)

[IKC101](#) First Nations Foundations: Knowing, relating and understanding Country (8)

[MCR101](#) Introduction to Microbiology (8)

[PSC104](#) Soil Science (8)

[PSC221](#) Fundamentals of Plant Protection (8)

[PSC415](#) Soil Management (8)

### ***Elective Subjects***

The elective subjects (24 points) can be chosen from any discipline at any level.

Note: if intending to continue studies in the Bachelor of Agricultural Science, electives must be chosen as aligned with one of the 5 Majors.

### ***Restricted Electives***

Nil

### **Bachelor of Agricultural Science**

The Bachelor of Agricultural Science is comprised of 256 points and is offered full-time on campus over four (4) years and part-time online over eight (8) years.

### ***Key Subjects***

[AGR130](#) Biology in Agriculture (8) BSc Biology

[AGS107](#) Precision Agriculture and Data Handling (8)

*And:*

[PSC202](#) Crop and Pasture Science (8) [Agronomy major] BSc Biology

[SPA215](#) GIS 1: Geographic Information Science Foundations (8) [Digital Agriculture major]

GIS

[PSC215](#) Plant Physiology (8) [Horticulture major] BSc Biology

[ASC171](#) Animal Anatomy and Physiology (8) [Livestock and Mixed Farm Business majors]

BSc Biology

### ***Core Subjects***

[AGB110](#) Agricultural Economics (8)

[AGB310](#) Agricultural Marketing (8)

[AGR130](#) Biology in Agriculture (8) BSc Biology

[AGR202](#) Food, Environment and Culture (8)

[AGR203](#) Production Analysis and Optimisation (8)

[AGR220](#) Extension (8)

[AGS100](#) Livestock Production Systems (8)

[AGS107](#) Precision Agriculture and Data Handling (8)

[AGS120](#) Managing Contemporary Farm Systems (8)

[AGS160](#) Plant Production Systems (8)

[AGS203](#) Agricultural Biotechnology (8)

[AGS300](#) Livestock Management (8)

[AGS405](#) Consultancy for Farming Systems (8)

[AGS407](#) Agricultural Industry Internship (16)  
[AGS422](#) Contemporary Issues in Agriculture (8)  
[AHT101](#) Professional Skills in Agriculture and Horticulture (8)  
[AHT231](#) Agricultural Finance and Business Management (8)  
[CHM108](#) Chemical Fundamentals (8) BSc Biology  
[IKC101](#) First Nations Foundations: Knowing, relating and understanding Country (8)  
[MCR101](#) Introduction to Microbiology (8) BSc Biology  
[PSC104](#) Soil Science (8)  
[PSC221](#) Fundamentals of Plant Protection (8)  
[PSC415](#) Soil Management (8)

***Elective Subjects***

Nil

***Restricted Electives***

Refer to Major Sequences

***Major Sequences***

One of the following major sequences must be completed.

**Agronomy**

[PSC202](#) Crop and Pasture Science (8)  
[PSC271](#) Crop Agronomy (8)  
[PSC360](#) Pastures and Rangelands (8)  
[PSC424](#) Advanced Plant Protection (8)

*And complete 32 points from the following subjects:*

[AGB351](#) Commodity Trade and Pricing (8)  
[AGB450](#) Agricultural Business Risk and Investment (8)  
[AGR237](#) Property Planning and Development (8)  
[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)  
[AHT423](#) Digital Agriculture in Practice (8)  
[HRT302](#) Nursery Production (8)  
[HRT306](#) Vegetable Crop Management (8)  
[HRT307](#) Flower Crop Management (8)  
[HRT308](#) Temperate Fruit and Nut Crop Management (8)

[IRR200](#) Principles of Irrigation (8)  
[MGT307](#) Applied Entrepreneurial Projects (8)  
[PSC406](#) Summer Cropping System (8)  
[PSC420](#) Water Policy and Management (8)  
[SCI302](#) International Practical Experience 2 (8)  
[SPA215](#) GIS 1: Geographic Information Science Foundations (8)  
[SPA217](#) Remote Sensing of the Environment (8)  
[VIT212](#) Viticultural Science (8)

#### Digital Agriculture

[AHT423](#) Digital Agriculture in Practice (8)  
[ITC114](#) Introduction to Database Systems (8)  
[SPA215](#) GIS 1: Geographic Information Science Foundations (8)  
[SPA217](#) Remote Sensing of the Environment (8)  
[SPA308](#) GIS Applications (8)

*And complete 24 points from the following subjects:*

[AGB450](#) Agricultural Business Risk and Investment (8)  
[AGR237](#) Property Planning and Development (8)  
[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)  
[HRT306](#) Vegetable Crop Management (8)  
[HRT307](#) Flower Crop Management (8)  
[HRT308](#) Temperate Fruit and Nut Crop Management (8)  
[IRR200](#) Principles of Irrigation (8)  
[MGT307](#) Applied Entrepreneurial Projects (8)  
[PSC202](#) Crop and Pasture Science (8)  
[PSC271](#) Crop Agronomy (8)  
[PSC360](#) Pastures and Rangelands (8)  
[PSC406](#) Summer Cropping System (8)  
[PSC420](#) Water Policy and Management (8)  
[PSC424](#) Advanced Plant Protection (8)  
[SCI302](#) International Practical Experience 2 (8)  
[SPA442](#) Remote Sensing 2: Image Processing and Analysis (8)  
[VIT212](#) Viticultural Science (8)

## Horticulture

[IRR200](#) Principles of Irrigation (8)

[HRT301](#) Plant Propagation (8) or [HRT302](#) Nursery Production (8)

[PSC215](#) Plant Physiology (8)

[PSC424](#) Advanced Plant Protection (8)

*And complete 32 points from the following subjects:*

[AGB351](#) Commodity Trade and Pricing (8)

[AGB450](#) Agricultural Business Risk and Investment (8)

[AGR237](#) Property Planning and Development (8)

[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)

[AHT423](#) Digital Agriculture in Practice (8)

[HRT202](#) Plant Taxonomy and Systematics (8)

[HRT306](#) Vegetable Crop Management (8)

[HRT307](#) Flower Crop Management (8)

[HRT308](#) Temperate Fruit and Nut Crop Management (8)

[MGT307](#) Applied Entrepreneurial Projects (8)

[PSC406](#) Summer Cropping System (8)

[PSC420](#) Water Policy and Management (8)

[SCI302](#) International Practical Experience 2 (8)

[SPA215](#) GIS 1: Geographic Information Science Foundations (8)

[SPA217](#) Remote Sensing of the Environment (8)

[VIT212](#) Viticultural Science (8)

## Livestock Production

[ASC171](#) Animal Anatomy and Physiology (8)

[ASC261](#) Animal Reproduction (8)

[ASC273](#) Animal Nutrition (8)

[ASC350](#) Animal Health (8) From BVS Course

[PSC360](#) Pastures and Rangelands (8)

*And complete 24 points from the following subjects:*

[AGB351](#) Commodity Trade and Pricing (8)

[AGB450](#) Agricultural Business Risk and Investment (8)

[AGR237](#) Property Planning and Development (8)

[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)

[AHT423](#) Digital Agriculture in Practice (8)

[ASC225](#) Assessment of Animal Welfare (8)

[ASC305](#) Parasitology (8)

[ASC306](#) Applied Animal Pharmacology (8) BVS

[ASC370](#) Ruminant Production and Welfare (8)

[ASC474](#) Intensive Animal Production and Welfare (8)\*

[ASC475](#) Meat and Fibre Science (8)\*

[MGT307](#) Applied Entrepreneurial Projects (8)

[SCI302](#) International Practical Experience (8)

[SPA215](#) GIS 1: Geographic Information Science Foundations (8)

[SPA217](#) Remote Sensing of the Environment (8)

\* [ACS474](#) and [ASC475](#) are available for on-campus study only.

#### Mixed Farm Business

[AGB450](#) Agricultural Business Risk and Investment (8)

[ASC171](#) Animal Anatomy and Physiology (8)

[PSC360](#) Pastures and Rangelands (8)

*And complete 40 points from the following subjects:*

[AGB351](#) Commodity Trade and Pricing (8)

[AGR237](#) Property Planning and Development (8)

[AGR377](#) Agribusiness Planning (16)\*

[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)

[AHT423](#) Digital Agriculture in Practice (8)

[ASC225](#) Assessment of Animal Welfare (8)

[ASC261](#) Animal Reproduction (8)

[ASC273](#) Animal Nutrition (8)

[ASC305](#) Parasitology (8)

[ASC350](#) Animal Health (8)

[ASC370](#) Ruminant Production and Welfare (8)

[ASC475](#) Meat And Fibre Science (8)\*\*

[HRM210](#) Human Resource Management (8)

[HRT306](#) Vegetable Crop Management (8)

[HRT307](#) Flower Crop Management (8)  
[HRT308](#) Temperate Fruit and Nut Crop Management (8)  
[IRR200](#) Principles of Irrigation (8)  
[LAW110](#) Business Law (8)  
[LAW300](#) Environmental Law (8)  
[MGT307](#) Applied Entrepreneurial Projects (8)  
[PSC202](#) Crop and Pasture Science (8)  
[PSC271](#) Crop Agronomy (8)  
[PSC406](#) Summer Cropping System (8)  
[PSC420](#) Water Policy and Management (8)  
[PSC424](#) Advanced Plant Protection (8)  
[SCI302](#) International Practical Experience 2 (8)  
[SPA215](#) GIS 1: Geographic Information Science Foundations (8)  
[SPA217](#) Remote Sensing of the Environment (8)  
[VIT212](#) Viticultural Science (8)

\* It is recommended that students successfully complete [HRM210](#) Human Resource Management and [AGR237](#) Property Planning and Development prior to studying [AGR377](#) Agribusiness Planning. \* [ACS475](#) is available for on-campus study only.

\*\* [ACS475](#) is available for on-campus study only.

### **Bachelor of Agricultural Science (Honours)**

The Bachelor of Agricultural Science (Honours) is comprised of 256 points and is offered full-time on campus over four (4) years and part-time online over eight (8) years.

#### ***Key Subjects***

[AGR130](#) Biology in Agriculture (8)  
[AGS107](#) Precision Agriculture and Data Handling (8)  
*And:*  
[PSC202](#) Crop and Pasture Science (8) [Agronomy major]  
[SPA215](#) GIS 1: Geographic Information Science Foundations (8) [Digital Agriculture major]  
[PSC215](#) Plant Physiology (8) [Horticulture major]  
[ASC171](#) Animal Anatomy and Physiology (8) [Livestock and Mixed Farm Business majors]

### ***Core Subjects***

- [AGB110](#) Agricultural Economics (8)
- [AGB310](#) Agricultural Marketing (8)
- [AGR130](#) Biology in Agriculture (8)
- [AGR202](#) Food, Environment and Culture (8)
- [AGR203](#) Production Analysis and Optimisation (8)
- [AGR220](#) Extension (8)
- [AGS100](#) Livestock Production Systems (8)
- [AGS107](#) Precision Agriculture and Data Handling (8)
- [AGS120](#) Managing Contemporary Farm Systems (8)
- [AGS160](#) Plant Production Systems (8)
- [AGS203](#) Agricultural Biotechnology (8)
- [AGS300](#) Livestock Management (8)
- [AGS422](#) Contemporary Issues in Agriculture (8)
- [AHT101](#) Professional Skills in Agriculture and Horticulture (8)
- [AHT231](#) Agricultural Finance and Business Management (8)
- [CHM108](#) Chemical Fundamentals (8)
- [IKC101](#) First Nations Foundations: Knowing, relating and understanding Country (8)
- [MCR101](#) Introduction to Microbiology (8)
- [PSC104](#) Soil Science (8)
- [PSC221](#) Fundamentals of Plant Protection (8)
- [PSC415](#) Soil Management (8)
- [HRS411](#) Science Honours Research Foundations (8)
- [HRS422](#) Science Honours Research Commencement (8)
- [HRS431](#) Science Honours Research Completion (16)\*
- [HRS441](#) Science Honours Research Dissertation (16)

\* In consultation with the Supervisor and School Honours Advisor, and with the approval from the Course Director, students may be allowed to complete [HRS434](#) Science Honours Research Completion (8) if they are required to complete an additional coursework subject for the benefit of their Honours project.

### ***Compulsory Subjects***

One of:



[HRS410](#) Science Honours Research Methods (8)

[STA404](#) Statistical Data Analysis (8)

[STA501](#) Scientific Data Analysis (8)

Students may be able to complete an alternative 8 point Research Method subject as agreed by the Supervisor and School Honours Advisor, and with the approval of the Course Director.

### *Elective Subjects*

Nil

### *Restricted Electives*

Refer to Major Sequences

### *Major Sequences*

One of the following major sequences must be completed.

#### Agronomy

[PSC202](#) Crop and Pasture Science (8)

[PSC271](#) Crop Agronomy (8)

[PSC360](#) Pastures and Rangelands (8)

[PSC424](#) Advanced Plant Protection (8)

#### Digital Agriculture

[ITC114](#) Introduction to Database Systems (8)

[SPA215](#) GIS 1: Geographic Information Science Foundations (8)

[SPA308](#) GIS Applications (8)

*And complete 8 points from the following subjects:*

[AGB450](#) Agricultural Business Risk and Investment (8)

[AGR237](#) Property Planning and Development (8)

[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)

[AHT423](#) Digital Agriculture in Practice (8)

[HRT306](#) Vegetable Crop Management (8)

[HRT307](#) Flower Crop Management (8)

[HRT308](#) Temperate Fruit and Nut Crop Management (8)

[IRR200](#) Principles of Irrigation (8)

[MGT307](#) Applied Entrepreneurial Projects (8)  
[PSC202](#) Crop and Pasture Science (8)  
[PSC271](#) Crop Agronomy (8)  
[PSC360](#) Pastures and Rangelands (8)  
[PSC406](#) Summer Cropping System (8)  
[PSC420](#) Water Policy and Management (8)  
[PSC424](#) Advanced Plant Protection (8)  
[SCI302](#) International Practical Experience 2 (8)  
[SPA217](#) Remote Sensing of the Environment (8)  
[VIT212](#) Viticultural Science (8)

#### Horticulture

[IRR200](#) Principles of Irrigation (8)  
[PSC215](#) Plant Physiology (8)  
[PSC424](#) Advanced Plant Protection (8)

*And complete 8 points from the following subjects:*

[AGB351](#) Commodity Trade and Pricing (8)  
[AGB450](#) Agricultural Business Risk and Investment (8)  
[AGR237](#) Property Planning and Development (8)  
[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)  
[HRT202](#) Plant Taxonomy and Systematics (8)  
[HRT306](#) Vegetable Crop Management (8)  
[HRT307](#) Flower Crop Management (8)  
[HRT308](#) Temperate Fruit and Nut Crop Management (8)  
[MGT307](#) Applied Entrepreneurial Projects (8)  
[PSC406](#) Summer Cropping System (8)  
[PSC420](#) Water Policy and Management (8)  
[SCI302](#) International Practical Experience 2 (8)  
[SPA215](#) GIS 1: Geographic Information Science Foundations (8)  
[SPA217](#) Remote Sensing of the Environment (8)  
[VIT212](#) Viticultural Science (8)

#### Livestock Production

[ASC171](#) Animal Anatomy and Physiology (8)

[ASC261](#) Animal Reproduction (8)

[ASC273](#) Animal Nutrition (8)

[PSC360](#) Pastures and Rangelands (8)

#### Mixed Farm Business

[AGB450](#) Agricultural Business Risk and Investment (8)

[ASC171](#) Animal Anatomy and Physiology (8)

[PSC360](#) Pastures and Rangelands (8)

*And complete 8 points from the following subjects:*

[AGB351](#) Commodity Trade and Pricing (8)

[AGR237](#) Property Planning and Development (8)

[AHT404](#) Climate Change Impacts, Mitigation and Adaptation (8)

[ASC225](#) Assessment of Animal Welfare (8)

[ASC261](#) Animal Reproduction (8)

[ASC273](#) Animal Nutrition (8)

[ASC305](#) Parasitology (8)

[ASC350](#) Animal Health (8)

[ASC370](#) Ruminant Production and Welfare (8)

[ASC475](#) Meat and Fibre Science (8)\*

[HRM210](#) Human Resource Management (8)

[HRT306](#) Vegetable Crop Management (8)

[HRT307](#) Flower Crop Management (8)

[HRT308](#) Temperate Fruit and Nut Crop Management (8)

[IRR200](#) Principles of Irrigation (8)

[LAW110](#) Business Law (8)

[LAW300](#) Environmental Law (8)

[MGT307](#) Applied Entrepreneurial Projects (8)

[PSC202](#) Crop and Pasture Science (8)

[PSC271](#) Crop Agronomy (8)

[PSC406](#) Summer Cropping System (8)

[PSC420](#) Water Policy and Management (8)

[PSC424](#) Advanced Plant Protection (8)

[SCI302](#) International Practical Experience 2 (8)

[SPA215](#) GIS 1: Geographic Information Science Foundations (8)

[SPA217](#) Remote Sensing of the Environment (8)

[VIT212](#) Viticultural Science (8)

\* [ASC475](#) is available for on-campus study only.

For students to graduate with an **Associate Degree in Farm Production** (128 points), students must adhere to the course requirements, completing thirteen (13) core subjects and three (3) electives.

For students to graduate with a **Bachelor of Agriculture** (192 points), students must adhere to the course requirements, completing twenty-one (21) core subjects and three (3) electives.

For students to graduate with a **Bachelor of Agricultural Science** (256 points), students must adhere to the course requirements, completing twenty-three (23) core subjects, one (1) major and restricted electives.

For students to graduate with a **Bachelor of Agricultural Science (Honours)** (256 points), students must adhere to the course requirements, completing twenty-five (25) core subjects, one (1) compulsory subject and subjects from one (1) major (32 points).

Note: The final class of Honours grade will be based on assessments in [HRS441](#) Science Honours Research Dissertation only. Other subjects will not contribute to the Honours class.