



# Agriculture & Horticultural Studies

## What is Agriculture & Horticultural Studies?

This subject focuses on the agricultural and horticultural principles and practices of ecologically sustainable primary production.

## Why study Agriculture & Horticultural Studies?

Students of Agriculture are involved in developing skills and understanding associated with sustainable production and management of primary industry.

## Course content of Agriculture & Horticultural Studies

Students investigate key concepts and understandings, and undertake practical activities, in the areas of experimental design, soil science, plant science and animal management.

## Assessment Components

Assessment in agriculture and horticulture studies consists of the following components, weighted as shown:

Assessment Component 1:

Practical skills (40%)

Assessment Component 2:

Skills and Application Tasks (30%)

Assessment Component 3:

Investigation (30%)

## Learning Requirements of the Course

At the end of the program in Stage 2 Agricultural and Horticultural Studies, students should be able to:

1. demonstrate knowledge, understanding, and application of the agricultural and horticultural principles and practices of ecologically sustainable production;
2. design and undertake practical activities and experiments in order to achieve a better understanding of agricultural and horticultural issues;
3. research, critically analyse, and draw conclusions from information, make recommendations, and solve problems in agriculture and horticulture;
4. demonstrate an understanding of the issues, interrelationships, and implications for society and the environment of the production of food and fibres and the use of innovations;
5. communicate information and reasoning, using appropriate agricultural and horticultural terminology and conventions.

# Agriculture & Horticultural Studies continued

## Future Pathways in Agriculture & Horticultural Studies

The study of agriculture and horticulture subjects can lead to a diverse range of vocational and further study pathways, such as university studies in agricultural science and animal science, agriculture, aquaculture, ecotourism, natural resources management, science, veterinary science, viticulture, oenology, and wine marketing, and TAFE courses in agriculture and horticulture, animal studies, animal technology, aquaculture, conservation and land management, environmental technology, horse racing, irrigation, meat retailing, rural business management, veterinary nursing, viticultural management, and wool classing.

## Required Text(s) for Agriculture & Horticultural Studies

Dynamic Agriculture Book 3

## What are the prerequisites?

Successful completion of Stage 1 Agriculture or C grade or higher in year 11 science or by interview.



## Contact Details

For more information about studying Year 12 at Trinity College Senior, please contact the Head of Year 12 on 8523 8705 or visit: [www.trinity.sa.edu.au/curriculum/index.htm](http://www.trinity.sa.edu.au/curriculum/index.htm)

## Further Information

More information about SACE may be obtained from the SACE Board of South Australia webpage at: [www.sace.sa.edu.au](http://www.sace.sa.edu.au)