

# VCE Agriculture and Horticulture Studies

VCE Agricultural and Horticultural Studies develops students' understanding of sustainable agricultural and horticultural systems within current economic, social and environmental contexts. This prepares students for further studies and careers in agriculture, horticulture, land management, agricultural business practice and natural resource management.

Unit 1 & 2	Unit 3 & 4
<p>In Unit 1 &amp; 2 you will:</p> <ul style="list-style-type: none"><li>• Consider the uses of land in Australia as a source of food and fibre</li><li>• Describe trends and movements in Australian agriculture and horticulture</li><li>• Justify selection of plants and animals for agricultural and/or horticultural practices</li><li>• Explain challenges and issues in plant production and analyse proposed solutions</li><li>• Explain basic animal genetics</li><li>• Analyse conditions for agricultural and/or horticultural practices through practical tasks</li></ul>	<p>In Unit 3 &amp; 4 you will:</p> <ul style="list-style-type: none"><li>• Discuss the role of technology innovation in agricultural and horticultural industries</li><li>• Explain current research into challenges faced by Australia's food industries</li><li>• Discuss prevention and control for common agricultural and/or horticultural pests</li><li>• Explain principles of sustainable land management</li><li>• Investigate marketing and communications strategies to promote Australian food</li><li>• Identify types of environmental degradation</li></ul>
Types of assessment	Class Activities
<ul style="list-style-type: none"><li>• Practical tasks</li><li>• Written reports</li><li>• Case study analysis</li><li>• Excursion report</li><li>• Research inquiry</li><li>• Response to an issue</li></ul>	<ul style="list-style-type: none"><li>• Practical activities</li><li>• Excursions</li><li>• Investigations</li><li>• Experiments</li><li>• Group activities</li><li>• Research activities</li></ul>

## Careers that may link to this subject area

Agricultural Scientist

Ecologist

Fire Fighter

Geographer

Landscape Architect

Park Ranger

Surveyor

Teacher

Tourism Officer

## Additional information:

This course is suitable for students who have an interest in Agricultural and Horticultural practices and a willingness to participate in outdoor activities.

