AIMS:
- To allow students the opportunity to experience some aspects of an Agricultural Science course, which relate directly to Agricultural Science subjects in the Senior school.
- To provide students with a sound knowledge base on which to build in Years 11 and 12 Agricultural Science.
- To develop the skills and processes necessary to apply knowledge in the Certificate II in Rural Operations course.
- To provide learning opportunities and experiences in selected aspects of Science at a greater depth and breadth than those available in the Core Junior Science course.

CONTENT:
The topics covered in the program will be different from those covered in the Core Year 9 and 10 Agricultural Science elective.
Topics will be selected for study on the basis of the following criteria:

| student interest | relevance to Year 11 and 12 Agricultural Science and Certificate II Rural Operations courses |

This course focuses on topics with an Applied Agricultural Science basis. Topics typically under consideration would include:

- Animal physiology and production
- Plant physiology and crop production
- Animal and plant genetics and genetically modified crops

PREREQUISITES:
Nil

ASSESSMENT:
This will be of a style similar to Year 11 and 12 subjects, which will include a report on a practical investigation and a folio of practical and theory work. Assessment related to practical investigations will be particularly emphasised. Overall, the assessment program will require students to take more responsibility for their own plans and actions in line with the Senior School.

COSTS:
(In addition to the Student Resource Scheme - SRS):
Bus transport to Wilsonton Ag Centre $35 per term, ($70 per semester).

EXCURSIONS:
Bus excursion (approximately $20) to Agricultural Show. Students in the Agricultural Practices Taster subject are offered the opportunity to visit the University of Queensland as part of the ‘Experience Science’ program and one Show Exhibition. These programs cost approximately $35 each. They are not mandatory.

CAREERS:
Agricultural Science may lead to careers in:

<table>
<thead>
<tr>
<th>Agricultural Research (Scientist)</th>
<th>Pastoral Companies</th>
<th>Government Departments:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Industries</td>
<td>Veterinary Science</td>
<td>Primary Industries</td>
</tr>
<tr>
<td>Seed and Grain Industries</td>
<td>Teaching</td>
<td>Natural &amp; Resource Management</td>
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<td></td>
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<td>Environmental Protection Agency</td>
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NOTE: Previous study in Agriculture is not required.