<table>
<thead>
<tr>
<th>TERM ALLOCATION AND LENGTH</th>
<th>UNIT</th>
<th>SUB TOPICS</th>
<th>ASSESSMENT</th>
</tr>
</thead>
</table>
| Term 1: 10 weeks          | What is Biology? | • The science of Biology  
• Experimental design  
• Biometry/statistical analysis  
• Classification  
• Australian animals  
• Evolution | • Written task 1: Diversity and the scientific method. |
| Term 2: 10 weeks          | Units of life (cell biology) | • Microscopy  
• Cell structure and function  
• Biochemistry  
• Energy and cells  
• Cell division | • Extended experimental investigation 1 Cell functioning: |
| Term 3: 10 weeks          | A new generation. (reproduction) | • Asexual and Sexual reproduction  
• Development and behaviour of animals  
• Fertilization and development of plants and animals  
• Contraception and STD’s  
• Reproductive technology | • Written task 2: Animal and plant reproduction  
• Extended response task 1: Biotechnology |
| Term 4: 10 weeks          | Genetics | • Inheritance  
• Genetics  
• DNA  
• Sex determination and inheritable diseases | • Written task 3: Genetics and molecular biology |
| Term 5: 10 weeks          | Environmental Biology | • Moreton Island Camp  
• Ecosystems  
• Distribution and abundance  
• Food webs and energy flow  
• Interactions in ecosystems | • Written task 4: Camp ecology |
| Term 6: 10 weeks          | Functioning of the internal environment | • Digestive system  
• Circulatory system  
• Respiratory system  
• Excretory system  
• Comparison to plant Physiology  
• In class dissections | • ERT 2 keeping a balance  
• EEI 2: Keeping a balance |
| Term 7: 10 weeks          | Coordination and control | • Plant Balances  
• Nervous system  
• Endocrine system  
• Homeostasis  
• QUT Human Dissection | • Written task 5: keeping a balance |
| Term 8: 10 weeks          | Disease | • Pathogens and Parasites  
• Immune system | • Written task 6: Disease |