



<b>INCOMPATIBLE SUBJECTS</b>	NIL	<b>DEPENDENT SUBJECTS</b>	General English
<b>PRE REQUISITE SUBJECTS</b>	Year 10 Science Exploration - C Year 10 English - C	<b>POTENTIAL QCE POINTS</b>	4
<b>FINANCIAL COMMITMENT</b>	Field Trip cost, which covers bus transport and use of an Environmental Education centre and staff. The cost is dependent on the number of students enrolled in Biology.	<b>CONTRIBUTES TO ATAR</b>	YES

### COURSE CONTENT

UNIT 1	UNIT 2	UNIT 3	UNIT 4
Structure and function of cells – students will appreciate the processes vital for survival, they examine the structure of plant and animal systems	Maintaining the internal environment – students develop scientific skills and conceptual understanding in homeostasis and the immune system.	Biodiversity and the interconnectedness of life – the structure of ecosystems, the processes involved in the movement of energy and matter in ecosystems and how environmental factors limit populations.	Heredity and continuity of life – how life on Earth persisted, changed and diversified of the last 3.5 billion years.
<b>ASSESSMENT</b>	<b>ASSESSMENT</b>	<b>SUMMATIVE ASSESSMENT</b>	<b>SUMMATIVE ASSESSMENT</b>
Data Test Student Experiment Report	Research Assignment Exam	Data Test Student Experiment Report	Research Assignment External Exam
<b>EXTERNAL EXAM 50%</b>			

### COURSE REQUIREMENTS

Students will be required to participate in 1 X 5 hour field trip in Unit 3 in order to complete the required assessment.

### CAREER PATHWAYS

Biology is a General subject suited to students who are interested in pathways beyond school that lead to tertiary studies, vocational education or work.

A course of study in Biology can establish a basis for further education and employment in the fields of:

- |                          |                                 |
|--------------------------|---------------------------------|
| Medicine                 | Biotechnology                   |
| Forensics                | Environmental rehabilitation    |
| Veterinary               | Biosecurity                     |
| Food and marine sciences | Quarantine                      |
| Agriculture              | Conservation and Sustainability |

### INTERNET LINKS

What is Biology? | <https://www.youtube.com/watch?v=oFtVDFXKLA>

### REAL PEOPLE TALKING ABOUT BIOLOGY



Hear from current Biology Caboolture SHS students about what they find fascinating about Biology.

