

BIOLOGY

Biology enables students to form deeper understanding about the diversity of life, from DNA through to ecosystems. Students use scientific approaches to explore the interconnectedness of biological systems and innovations to solve health and environmental challenges faced by society.

PREREQUISITES: ONE SEMESTER OF A STAGE 1 SCIENCE SUBJECT

WHAT WILL YOU LEARN?

01. Explore the possible outcomes of gene modification and the ethical implications and consequences.
02. Examine how biotechnology has allowed advances in the treatment of disease and monitoring human health.
03. Investigate the evidence and genetic basis for understanding the Theory of Evolution by Natural Selection.

Transferable Skills	
<ul style="list-style-type: none"> • Using a range of communication formats to express ideas logically and fluently • Analysing facts and data and testing assumptions • Developing creative, innovative and/or practical solutions • Collaborating and contributing to team results • Working ethically 	

Assessment	
Stage I	N/A
Stage II	30% Investigations Folio, 40% Skills and Applications Tasks, 30% External Component



VOCATIONAL PATHWAYS

- Certificate II Agriculture
- Certificate III Dental Assisting
- Diploma of Conservation and Land Management



TERTIARY PATHWAYS

- Bachelor of Education (Secondary) / Bachelor of Science
- Bachelor of Science (Forensic and Analytical Science)
- Bachelor of Science (Biotechnology)



CAREERS

- Winery Worker
- Laboratory Technician
- Nurse- enrolled/registered
- Geneticist
- Medical Scientist



SACE STAGE 1 NOT AVAILABLE



SACE STAGE 2 | 20 CREDITS FULL YEAR



ATAR SUBJECT