

Biology (Accelerated)

Level: Stage I

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge required.

Students can take Biology A or Biology B or both.

Stage I Biology (Accelerated) is for students who are being accelerated or would like to be accelerated in Stage 2 Biology, Nutrition, Psychology or Geology. This subject will allow students to become familiar with a Senior Science subject, content and increase a student's skills in science inquiry and assessments.

Course overview

By investigating biological systems and their interactions, from the perspectives of energy, control, structure and function, change, and exchange in microscopic cellular structures and processes through to macroscopic ecosystem dynamics, students extend the skills, knowledge and understanding the enable them to explore and explain everyday observations, find solutions to biological issues, and understand how biological science impacts on their lives, society and the environment. They apply their understanding of the interconnectedness of biological systems to evaluate the impact of human activity on the natural world.

Biology A: Topics:

- Cells and microorganisms
- Infectious disease

Assessment

For a 10 credit subject, students provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

10 credit subject

Biology B: Topics:

- Multicellular organisms
- Biodiversity and ecosystem dynamics

Assessment

For a 10 credit subject, students provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%.

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

Pathways

High level completion of one or two semesters of Stage I Biology (Accelerated) will allow students to be accelerated in Stage 2 Biology, Nutrition, Psychology or Geology at Marden Senior College.

Please note: Subject to SACE Board changes to the approved subject outline.

This is an evening class.