

Course Description

Biology is the study of living organisms, life processes and interactions between organisms and their environment.

The Preliminary course incorporates the study of the mechanisms and systems that living things use to obtain, transport and draw on materials for their own growth and repair; biotic and abiotic features of the environment and the interdependence of organisms in an ecosystem; the evolution of life on Earth; and the effects of global changes on the diversity of Australian biota during the formation of the Australian continent.

The HSC course builds upon the Preliminary course. It examines the processes and structures that plants and animals use to maintain a constant internal environment and the way in which characteristics are transmitted from generation to generation. The options cover a variety of interest areas and draw on the increased information and understanding provided by improved technology to examine areas of current research.

Main Topics Covered

Preliminary

- A Local Ecosystem
- Patterns in Nature
- Life on Earth
- Evolution of Australian Biota

HSC Course

- Maintaining a Balance
- Blueprint of Life
- The Search for Better Health

Particular Course Requirements

The Preliminary course includes a field study related to local terrestrial and aquatic environments. Students will complete a minimum of 80 indicative hours of practical experiences across Preliminary and HSC course time with no less than 35 hours in the HSC course. Practical experiences must include at least one open-ended investigation in both the Preliminary and HSC Courses.

Faculty: Science

BOS Course No: 15030

2 units for each of Preliminary and HSC Board Developed Course.

Exclusions: Senior Science (Preliminary only)

