





**At the time of graduation students should, to a standard appropriate for a new bachelor of science graduate, be able to:**

A. Demonstrate knowledge and understanding of:

1. Specialised terminology which underpins an individual discipline or subject area.
2. Cognate sciences.
3. The political, social and economic context of the applications of science.

B. Display the following cognitive (thinking) skills:

The ability to:

1. Access information and skills as required by a task
2. Make methodical observations on the normal and abnormal functioning of biological systems
3. Discriminate between important and relatively unimportant information and observations
4. Reflect on information and observations, and solve problems
5. Compare and contrast different schools of thought.

C. Display the following practical skills including the ability to:

1. Design and execute experiments, and to analyse and interpret the resultant data.

D. The following are considered to be Key skills:

1. Communication.
2. Teamwork.
3. Personal management and career development.
4. Effective learning.
5. Problem-solving.
6. Information technology.
7. Numeracy.
8. Acting with integrity, being honest, fair and compassionate in all your work.
9. Maintaining high ethical principles in relation to business dealings, the use of information and experimentation in man and animals.

E. Demonstrate the following advanced skills:

## **Assessment**

### A. Knowledge and understanding:

Students will be assessed through a combination of formative, in-course and summative examinations, using a range of question formats.

### B. Cognitive (thinking) skills:

analytical tools  
ethics  
communication skills  
leadership  
team building and function  
business and financial management