



# WESTLAND HIGH SCHOOL

## Te Kura Tuarua o Hokitika

EXPERIENCE SUCCESS TOGETHER  
PIKI KOTAHI KI TE TAUMATA

Biology Level 3

Westland High School

### Biology (300BIOL)

#### Course description:

Biology is a course for students who wish to improve their general understanding of the living world around them. It is vital to those who need to continue studies in the health sciences as part of their career aspirations.

Biology is a recommended course for study at tertiary level in many of the sciences, particularly health sciences, environmental sciences, physical education, food sciences, biochemistry, genetics, microbiology, biotechnology, molecular biotechnology. A background or specialisation in Biology leads to many career areas including medicine, dentistry, nursing, nurse aiding, technicians in hospital and scientific laboratories, forestry, agriculture, horticulture, fisheries, teaching, soil and water management. It is important to note that chemistry should be done in conjunction with biology if any of most of the above career choices are to be entered into.

The course includes two internal assessments; an extended practical investigation and a report into a homeostatic system. There will be two externally assessed standards which will cover animal behaviour and plant responses, and human evolution.

#### Credits available:

Standard	Description	Int/Ext	Credits
91601	Carry out a practical investigation in a biological context, with guidance.	I	4
91604	Demonstrate understanding of how an animal maintains a stable internal environment	I	3
91602	<b>Optional</b> - Integrate biological knowledge to develop an informed response to a socio-scientific issue	I	3
91603	Demonstrate understanding of the responses of plants and animals to their external environment.	E	5
91605	Demonstrate understanding of evolutionary process leading to speciation	E	4

#### Leads to:

Tertiary education courses in Biology, Genetics, Biochemistry, Anatomy, Ecology, Botany

#### Contact:

Ms R Wastney ([rachelwastney@westlandhigh.school.nz](mailto:rachelwastney@westlandhigh.school.nz))

Mrs S Hilson ([sonicahilson@westlandhigh.school.nz](mailto:sonicahilson@westlandhigh.school.nz))

