

<b>Title</b>	<b>Analyse field measurements of animals</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: collect field measurements of animals using field work procedures; and analyse collected field measurements.
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<b>Classification</b>	Science > Biology
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 All work must be carried out in accordance with the quality management system, documented protocol system or Standard Operating Procedures acceptable in a commercial or research laboratory.
- 2 Health and Safety practices must conform to Australian/New Zealand Standard AS/NZS 2243:2010 Set – *Safety in Laboratories*, available at <http://www.standards.co.nz/> and <http://infostore.saiglobal.com/store>.
- 3 Legislation applicable to this unit standard includes:  
Health and Safety at Work Act 2015;  
Hazardous Substances and New Organisms Act 1996;  
Animal Welfare Act 1999.
- 4 *Field work* is carried out in the context of an objective for the field work procedures.
- 5 Guidance may be provided for:
  - a field work procedures;
  - b field work objective.
- 6 Sample methods may include – soil cores, direct counts, suction systems, nets, mark-recapture, trapping techniques, faecal pellet counts, bird song - 5 minute counts.
- 7 Glossary  
*Sufficient* refers to the data required to meet the statistical uncertainty of the field work objective.

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### Outcomes and performance criteria

#### Outcome 1

Collect field measurements of animals using field work procedures.

Range measurements are collected from at least one ecosystem, which may include – seashore, forest, grassland.

**Performance criteria**

1.1 Data is collected in accordance with selected methodology and field work procedures.

Range accuracy, precision, repeatability, documentation, minimising ecological disturbance.

1.2 Information gathered is sufficient to meet the objective of the field work.

**Outcome 2**

Analyse collected field measurements.

**Performance criteria**

2.1 Data is recorded in accordance with field work procedures.

2.2 Statistical analysis produces results in accordance with field work procedures.

2.3 Field measurements are analysed in terms of the objective for the field work.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	22 December 1996	31 December 2014
Revision	2	19 February 1998	31 December 2014
Review	3	23 November 1999	31 December 2014
Review	4	22 September 2004	31 December 2014
Review	5	21 May 2010	31 December 2022
Rollover	6	27 January 2015	31 December 2022
Rollover and Revision	7	15 June 2017	31 December 2022
Revision	8	26 October 2017	31 December 2022
Review	9	22 October 2020	31 December 2022

<b>Consent and Moderation Requirements (CMR) reference</b>	0113
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.