

Title	Analyse field measurements of plants		
Level	5	Credits	4

Purpose	People credited with this unit standard are able to: collect field measurements of plants; and analyse collected field work data.
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Classification	Science > Biology
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Available grade	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.
- 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 Glossary
Sufficient refers to the data required to meet the statistical uncertainty of the field work objective.
Ecosystem refers to a defined area of an environment through which energy flows and nutrients are cycled.

Outcomes and performance criteria

Outcome 1

Collect field measurements of plants.

Range measurements are collected from at least one ecosystem, which may include – forest, alpine, 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 work data.

Performance criteria

- 2.1 Data is recorded in accordance with field work procedures.
- 2.2 Statistical analysis of data produces results in accordance with field work procedures.
- 2.3 Field work data is analysed in terms of the objective for the field work.

Planned review date	31 December 2020
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Status information and last date for assessment for superseded versions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	N/A
Rollover	6	27 January 2015	N/A
Rollover and Revision	7	15 June 2017	N/A
Revision	8	26 October 2017	N/A

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

Comments on this unit standard

Please contact NZQA National Qualifications Services nqs@nzqa.govt.nz if you wish to suggest changes to the content of this unit standard.