



Australian Government

AHC51120 Diploma of Conservation and Ecosystem Management

Release 2

AHC51120 Diploma of Conservation and Ecosystem Management

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 9.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 6.0.

Qualification Description

This qualification reflects the skills and knowledge required for skilled and paraprofessional work in conservation and ecosystem management. Workers with this qualification perform in operational managerial and/or technical positions often with specialist skills and knowledge in a range of sectors.

Examples of areas of specialisation include:

- Indigenous land management
- ecosystem restoration, rehabilitation and renewal
- conservation works
- parks management and/or administration
- wildlife management
- marine and/or coastal management
- water and catchment management.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 10 units of competency:
 - 0 core units plus
 - 10 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- at least 4 units selected from Group A
- remaining 6 electives can be selected from Group A, Group B and 2 units can be selected from any currently endorsed Training Package or accredited course.

Elective Units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

Group A Electives

AHCCSW501*	Survey and report on Aboriginal and/or Torres Strait Islander cultural sites
AHCECR501	Manage natural areas on a rural property
AHCECR502	Conduct biological surveys
AHCECR503	Design an ecological restoration project
AHCECR504	Manage implementation of ecological restoration programs
AHCECR505	Plan river restoration works
AHCECR506	Develop and implement sustainable land use strategies
AHCFIR503	Plan and evaluate burning for fuel, ecological and cultural resource management
AHCLPW504	Assess land use applications for legislative compliance
AHCLPW506	Develop a management plan for a designated area
AHCLPW507	Implement natural and cultural resource management plans
AHCLPW602	Coordinate the preparation of a regional resource management plan
AHCNRM512	Investigate suspected breaches of natural resource management legislation
AHCNRM603	Implement a monitoring, evaluation and reporting program

AHCNRM605	Develop a monitoring, evaluation and reporting program
AHCOCM303	Follow Aboriginal and/or Torres Strait Islander cultural protocols
AHCOCM501	Conduct field research into natural and cultural resources
AHCOCM502	Develop conservation strategies for cultural resources
AHCOCM503	Manage restoration of cultural places
AHCOCM504	Develop strategies for on Country management
AHCOCM505	Map relationship of business organisation to culture and Country
AHCOCM506	Operate within Community cultures and goals
AHCOCM507	Propose a negotiated outcome for a given area of Country
AHCOCM508	Plan for successful cultural practice at work
AHCOCM601	Manage cultural processes in an Aboriginal and/or Torres Strait Islander organisation
AHPCPM510	Collect and classify plants
AHCPMG401	Implement the pest monitoring and evaluation plan
AHCPMG413	Define the pest problem
AHCPMG501	Develop a regional pest management plan
AHCPMG506	Manage the implementation of legislation
AHCPMG508	Develop a system to monitor and evaluate the pest management plan
AHCSAW503	Plan conservation earthworks
AHCSAW504	Design control measures and structures
AHCSAW505	Plan erosion and sediment control measures
LGAPLA005	Protect heritage and cultural assets
MSS024032	Document simple geological information for a site
NWPIRR005	Develop and review a surface water plan

NWPIRR006	Develop and review an irrigation system plan
NWPIRR007	Implement and coordinate a surface water plan
NWPSOU006	Develop and manage a flood plan
NWPSOU007	Implement and coordinate a catchment plan
SISXRES001	Conduct sustainable work practices in open spaces
SITTGDE013	Interpret aspects of local Australian Indigenous culture

Group B Electives

AHCBER504	Manage the implementation of a biosecurity emergency control program
AHCBUS511	Manage enterprise staff requirements
AHCBUS514	Negotiate and monitor contracts
AHCBUS515	Prepare estimates, quotes and tenders
AHCBUS518	Prepare and monitor budgets and financial reports
AHCFAU501	Manage fauna populations
AHCFIR504	Manage wildfire hazard reduction programs
AHCMOM501	Manage machinery and equipment
AHCMOM502	Implement a machinery management system
AHCNRM503	Support the implementation of waterways strategies
AHCNRM504	Interpret and report on catchment hydrology
AHCNRM505	Provide technical advice on sustainable catchment management
AHCNRM509	Develop a coastal rehabilitation strategy
AHCNRM510	Develop a water quality monitoring program
AHCNRM511	Plan and monitor works projects in catchments and waterways
AHCPGD506	Manage parks and reserves

AHCPGD510	Conduct comprehensive inspection of park facilities
AHCPMG412	Develop a pest management plan
AHCSOL506	Manage erosion and sediment control
AHCWAT505	Purchase and sell temporary water for irrigated agriculture and horticulture
AHCWAT506	Identify carryover water or continuous accounting
AHCWHS503	Manage workplace health and safety processes
AHCWRK506	Collect and manage data
AHCWRK517	Interpret legislation
AHCWRK518	Provide specialist advice to clients
AHCWRK520	Develop workplace policy and procedures for environment and sustainability
BSBPMG430	Undertake project work
BSBWHS513	Lead WHS risk management
BSBWHS518	Manage WHS hazards associated with maintenance and use of plant
CPPSSI5064	Conduct complex spatial data analysis
MSS025029 *	Perform sampling and testing for site contamination
SITTPPD013	Develop interpretive activities
SITTPPD018	Develop environmentally sustainable tourism operations
TLIR0004	Negotiate a contract

Prerequisite requirements

Unit of competency	Prerequisite requirement
AHCCSW501 Survey and report on Aboriginal and/or Torres Strait Islander cultural sites	AHCOCM303 Follow Aboriginal and/or Torres Strait Islander cultural protocols
MSS025029 Perform sampling and testing	MSS024032 Document simple geological

for site contamination	information for a site
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Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC51120 Diploma of Conservation and Ecosystem Management Release 2	AHC51120 Diploma of Conservation and Ecosystem Management Release 1	Updated codes and titles for elective units Added two new AHCWAT units to Group B electives	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>