



Australian Government

AHCPER203 Record information about the local bioregion

Release: 1

AHCPER203 Record information about the local bioregion

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to record information about the local bioregion.

This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Permaculture (PER)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to work	1.1 Discuss work requirements with supervisor and seek clarification where necessary 1.2 Identify materials required for the work and collect and prepare them
2. Collect information	2.1 Determine the boundaries and extent of bioregion according to community and geophysical and biological guidelines 2.2 Identify key plant and animal species of the ecosystem by local or common name 2.3 Identify special features and sites of the bioregion and relate to

Element	Performance criteria
	ecological information 2.4 Investigate knowledge on plants and animals relationships from a permaculture perspective 2.5 Investigate information on land uses and land management practices in the bioregion 2.6 Outline the history of bioregion from community sources and available literature 2.7 Define simple food chains and energy flows relevant to the local bioregion
3. Review changes	3.1 Identify environmental changes from land use and the impacts of these changes on current and future land uses 3.2 Document environmental trends and their potential impacts on the bioregion 3.3 Record land and water management practices that can repair environmental changes
4. Document information	4.1 Document information about the local bioregion 4.2 Recognise and record ownership of information used in an appropriate manner 4.3 Document any conditions and parameters defining use of information

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

New unit - equivalent to QLD842BIO03B.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPER203 Record information about the local bioregion

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- collect information about the local bioregion
- review the information
- document the information

Knowledge Evidence

The candidate must demonstrate knowledge of:

- designated areas and features of a bioregion, such as:
 - a bioregion, as a land and water territory whose limits are defined not by political boundaries, but by the geographical limits of human communities and ecological systems.
 - water catchment, as one of the key identifiers of the bioregion
 - the vegetation on the catchment, as also an essential feature of a bioregion
- local and common names for plants and animals
- ecological concepts, such as:
 - niche
 - habitat
 - community
 - ecosystem
 - energy flows
 - food webs/chains
 - water cycles
 - species and species relationships
 - plant and animal succession

- Permaculture perspectives, such as:
 - seeing connections between elements in a system
 - supporting ecological and community co-existence
 - valuing renewable resources and energy
- alternative strategies of trade such as barter and local exchange trading systems (LETS)
- community resources including local skills, public transport options, contractors and facilities

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also hold a nationally accredited Certificate III (or higher) in Permaculture to assess this unit of competency and/or have completed a Permaculture Design Course (PDC) and/or have completed the Permaculture Demonstrator Skill Set.

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