VETASSESS

Information sheet

Conservation Officer

ANZSCO: 234311 **Group A**

About this document

- The following Information Sheet is for your reference only and should be used as a guide to assist with your Skills Assessment application to VETASSESS. This information is subject to change.
- Please note that a Skills Assessment of the qualification involves assessment of both the qualification level and content. Qualifications are assessed according to the guidelines published by the Australian Government Department of Education.
- The employment assessment involves determining the skill level and relevance of the tasks undertaken.
- Integrity checks may be conducted to verify the qualification and employment claims made in an application.

Job description

Develops and implements programs and regulations for the protection of fish, wildlife and other natural resources.

Occupations considered suitable under this ANZSCO code:

- Landcare Facilitator

Conservation Officer is a VETASSESS Group A occupation

This occupation requires a qualification assessed as comparable to the educational level of an Australian Qualifications Framework (AQF) Bachelor degree or higher, in a field highly relevant to the nominated occupation.

GROUP A	Criteria for a suitable Skills Assessment		
	Comparable Bachelor degree AQF level	With highly relevant major field of study	Relevant employment duration
1	 +	 +	
Pre-qualification methodology does not apply to Group A occupations			

The information below describes the available pathways for a Skills Assessment under**Group A**. Please note that in order to achieve a suitable Skills Assessment Outcome, a suitable assessment for both qualifications and employment is required.

Pathway 1

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Bachelor degree or higher degree and in a field highly relevant to the nominated occupation.

Bachelor degree or higher degree includes AQF Master Degree or AQF Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **one** year of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

Qualification

Agricultural Science is the study of the non-intensive farming of animals and plants.

Environmental Studies is the study of the relationships between living organisms and the natural, rural, industrial and urban environments. It includes the study of the impact humans have upon the natural environment.

Subjects in Agricultural Science include:
• Agricultural Systems
• Agronomy
• Cells and Organisms
• Chemistry
• Plant and Animal Production and Management
• Plant Science
• Plant Cultivation
• Crop Production
• Crop Science
• Broad Acre Production
• Dryland Farming Systems
• Grazing Systems
• Animal Science
• Animal Husbandry
• Animal Nutrition
• Dairying
• Soil Science
• Soil Conservation
• Environmental Impact and Assessment
• Soil and Water Conservation
• Aquatic Resource Management
• Land and Soil Management
• Agricultural Technology
• Statistics
• Business Law
• Agribusiness
• Agricultural Economics
• Marketing

Subjects in Environmental Studies include:
• Environmental Science
• Biodiversity and Ecology
• Natural Vegetation and Wildlife
• Weather and Climate
• Environment, Technology and Sustainability
• Environmental Management
• Land and Water Management
• Land Conservation
• Soil Conservation
• Land Rehabilitation
• Irrigation
• Natural Resource Inventory and Appraisal
• Environmental Impact Assessment
• Flora and Fauna Management
• Fumigation Techniques
• Integrated Pest and Weed Control
• Pest and Weed Identification
• Plant Disease Control
• Plant Protection Programmes
• Mathematics
• Methods and Statistics
• Physics
• Chemistry
• Cell Biology
• Scientific Research Methods
• Geographical Information Systems

Employment Criteria

- Studies the effects on animal and plant life of such factors as terrain, altitude, climatic conditions, sources of nutrition, and predators
- Investigates the structure of communities of organisms and predicts the effects of disturbances by human or environmental changes
- Plans and conducts field trips to study animals and plants in their natural environments and to collect specimens for laboratory study
- Prepares graphs, charts and statistics from data, analyses data and correlates them with the work of other scientists, evaluates data and prepares reports of conclusions
- Develops and tests models of the environment using knowledge of ecology, mathematics, statistics and physical sciences
- Develops conservation or harvesting policies for management of biological resources such as fish populations and forests
- Assesses pollution problems, establishes standards and develops approaches for the control of pollution and the rehabilitation of areas disturbed by activities such as mining, timber felling or overgrazing

Additional tasks include

- Evaluating habitat, wildlife and fisheries needs, and formulating short- and long-term management goals and objectives
- Enforcing laws and regulations to conserve and protect fish and wildlife