VETASSESS

Information sheet

# Marine Biologist

ANZSCO: 234516

Group A

## About this document

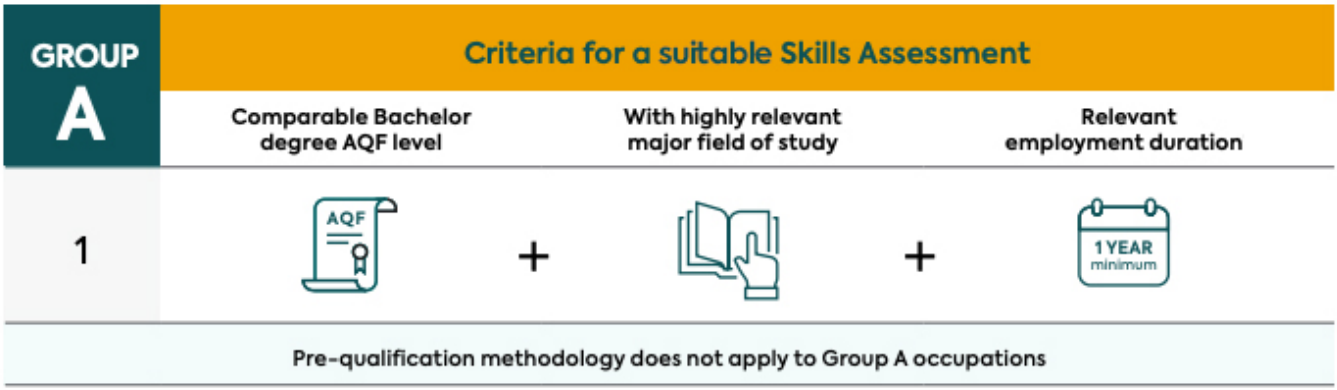
- The following Information Sheet is for your reference only and should be used as a guide to assist with your Skills Assessment application to VETASSESS. This information is subject to change.
- Please note that a Skills Assessment of the qualification involves assessment of both the qualification level 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

Studies the anatomy, physiology, functions, characteristics, behaviour and environments of all forms of life living in the sea and connected water bodies.

# Marine Biologist 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.




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

This occupation 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.

## Employment Criteria

Additional tasks may include, but not limited to:

- Plans and undertakes experiments to study, measure and understand marine animals and plants
- Examines the relationships between marine animals, plants and water quality factors such as salinity, temperature and oxygen content
- Advises on commercial applications of marine research such as aquaculture and fisheries
- Estimates the numbers of marine organisms and analyses their population features
- Observes the structure of communities of marine organisms and works out the factors influencing this structure
- Assesses and advises on introduced species - causes, effects, prevention and control
- Uses numerical and statistical skills to design laboratory and field experiments
- Designs and carries out environmental impact assessments to work out whether change is caused by natural or human factors
- Develops long-term programs for monitoring environmental pollution

- Writes scientific reports on research and investigations, and prepares more general information for scientific, managerial, political and general audiences
- Provides advice to managers, politicians, primary producers, health care workers and the general public
- Provides research training for students and staff seeking entry to this field