

National Certificate in Aquaculture (Level 3)

Level 3

Credits 40

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2020.

Transition Arrangements

This qualification has been reviewed and replaced by New Zealand Certificate in Aquaculture (Level 3) with strands in Hatchery, Fish, and Shellfish [Ref: 3135].

The last date for entry into programmes leading to the replaced qualification is 31 December 2018. The last date to meet the requirements of the replaced qualification is 31 December 2020 at which point the qualification will be designated discontinued.

People currently working towards the replaced qualification must complete its requirements by 31 December 2020.

For detailed information see [Review Summaries](#) on the NZQA website.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	February 2011	December 2020
Review	2	April 2016	December 2020

Standard Setting Body

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements. However, anyone who feels that they have been disadvantaged may appeal to Primary ITO at the address below. Appeals will be considered on a case by case basis.

Primary Industry Training Organisation
PO Box 10383
The Terrace
Wellington 6143

Telephone 04 801 9616
Facsimile 04 801 9626
Email standards@primaryito.ac.nz
Website www.primaryito.ac.nz

Reviewed

National Certificate in Aquaculture (Level 3)

Level 3

Credits 40

Purpose

This qualification is designed to recognise the skills and knowledge of employees or potential employees in the aquaculture industry.

The Elective section allows candidates to choose from a selection of aquaculture-related standards.

The Balance section allows candidates to choose from a wider selection of standards from the Seafood subfield.

The flexibility of the qualification allows the different aquaculture sectors to tailor programmes to meet the specific requirements of employees and employers from each sector.

This qualification, and the National Certificate in Seafood Processing with strands in Basic Processing Skills, and Intermediate Processing Skills [Ref: 1621], builds on the skills and knowledge covered in the National Certificate in Aquaculture (Level 2) [Ref: 1063].

This qualification leads to the National Certificate in Aquaculture (Level 4) [Ref: 1417].

Replacement Information

This qualification and the National Certificate in Seafood Processing with strands in Basic Processing Skills, and Intermediate Processing Skills [Ref: 1621] replaced the National Certificate in Seafood (Level 3) with optional strands in Aquaculture, and Processing [Ref: 0906].

Credit Range

	Elective	Balance
Level 3 credits	30	10
Minimum totals	30	10
Qualification total	40	

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- A minimum of 40 credits at Level 3
- Elective – A minimum of 30 credits as specified
- Balance – Balance

Detailed Requirements

Elective

A minimum of 30 credits at Level 3 or above

Agriculture, Forestry and Fisheries > Seafood > Aquaculture

ID	Title	Level	Credit
5336	Harvest oysters (tio) grown on sticks from an inter-tidal oyster (tio) farm for sale	3	6
5337	De-clump, cull, and grade oysters (tio) from an oyster (tio) farm	3	5
5338	Lay out Pacific oyster (tio) spat sticks on an inter-tidal farm	3	8
5339	Build an inter-tidal oyster (tio) farm to a specified design	3	12
5340	Operate and perform routine maintenance on load-shifting equipment used in oyster (tio) farming	3	6
5342	Culture and harvest single seed Pacific oysters (tio)	3	8
5344	Operate an oyster (tio) barge on inner harbour limits	3	10
5355	Assist to depurate and wet store shellfish	3	5
16333	Carry out the hauling process on a mussel (kutai, kuku) vessel	3	15
16334	Carry out the seeding process on a mussel (kutai, kuku) farm	3	15
16335	Carry out the bagging process on a mussel (kutai, kuku) vessel	3	10

ID	Title	Level	Credit
16336	Carry out repair and maintenance work on a mussel (kutai, kuku) farm	3	15
16339	Harvest, handle, bag, and transport shellfish products to maintain product quality	3	5
16340	Describe the biology of the New Zealand Greenshell mussel (kutai, kuku)	3	5
16674	Describe the principles of aquatic ecology and relate to aquaculture	3	10
17252	Monitor and maintain reticulated water systems for onshore aquaculture or holding facilities	3	20
17255	Test for water quality in an aquaculture facility	3	10
19772	Demonstrate an awareness of environmental best practice in the aquaculture industry	3	5
20305	Describe the biology of the sea urchin (kina)	3	5
20306	Describe the biology of a species of aquatic Crustacea	3	5
20307	Describe protocols when working with Māori to seek consent for an aquaculture associated activity	3	5
20464	Prepare for and carry out spawning of broodstock for an aquaculture species	3	7
20465	Incubate fertilised eggs for aquaculture species	3	10
21950	Describe and carry out zooplankton culture for use in the New Zealand aquaculture industry	3	10
22804	Describe the regulatory programme assuring safety of commercial bivalve shellfish at harvesting	3	5

Agriculture, Forestry and Fisheries > Seafood > Seafood Generic

ID	Title	Level	Credit
20309	Describe Māori terminology and concepts relevant to a marine or freshwater activity	2	2

Balance

The balance of credits to achieve
 A minimum of 40 credits at Level 3
 May come from the following

Field	Subfield	Domain
Agriculture, Forestry and Fisheries	Seafood	Any

Transition Arrangements

Version 1

This qualification and the National Certificate in Seafood Processing with strands in Basic Processing Skills, and Intermediate Processing Skills [Ref: 1621] replaced the National Certificate in Seafood (Level 3) with optional strands in Aquaculture, and Processing [Ref: 0906].

Main changes

There are substantial differences between the replaced qualification and this qualification.

The credit total has reduced from 90 credits to 40 credits.

This qualification specifies standards, whereas the replaced qualification allowed candidates to choose standards from domains from the Agriculture, Forestry and Fisheries and Māori fields.

For detailed information see Review Summaries on the NZQA website.

People currently enrolled in programmes leading to the award of version 2 of the National Certificate in Seafood (Level 3) with optional strands in Aquaculture, and Processing [Ref: 0906] may either complete that version, or transfer to this qualification or the National Certificate in Seafood Processing with strands in Basic Processing Skills, and Intermediate Processing Skills [Ref: 1621]; under the guidance of the New Zealand Industry Training Organisation.

It is not intended that any existing candidates are disadvantaged by this review. However, anyone who feels that they have been disadvantaged should contact the standard setter at the address below.

Certification

This certificate will display the logos of NZQA, New Zealand Industry Training Organisation and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description

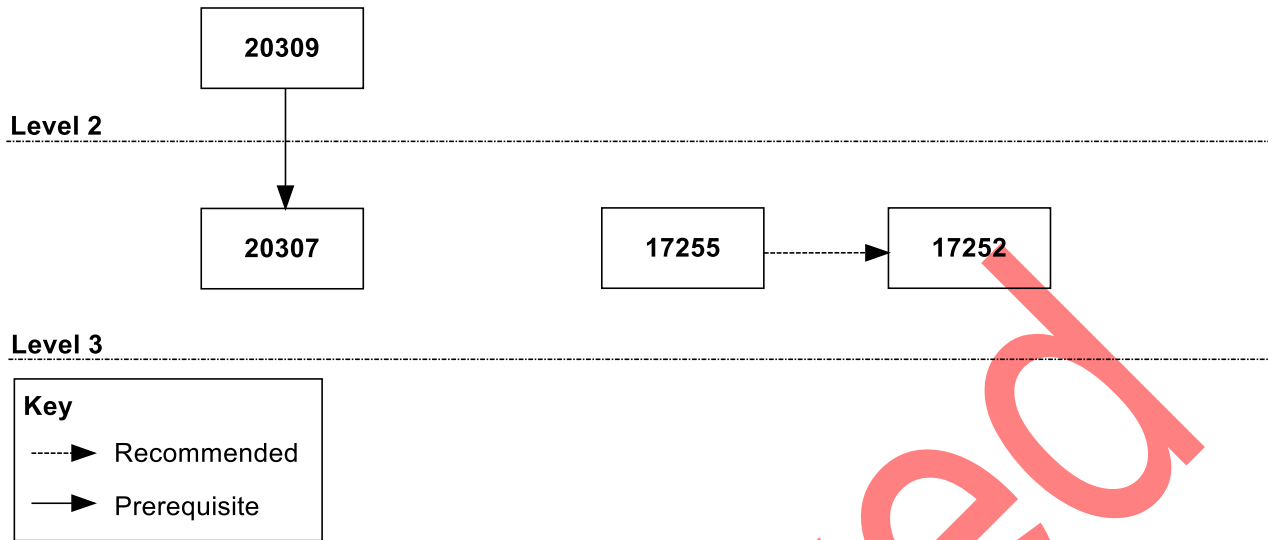
DAS Classification		NZSCED	
Code	Description	Code	Description
1059	Agriculture, Forestry and Fisheries > Seafood > Aquaculture	050701	Agriculture, Environmental and Related Studies > Fisheries Studies > Aquaculture

Quality Management Systems

Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.

Reviewed

Prerequisite Diagram



Reviewed