



# AHC51120 Diploma Of Conservation and Ecosystem Management CRICOS 111629F

➔ [www.envirotech.edu.au](http://www.envirotech.edu.au)

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📘 Envirotech Education

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# Course Overview

The **AHC51120 Diploma of Conservation and Ecosystem Management** prepares students for skilled and paraprofessional roles in environmental management.

This qualification equips learners to work in areas such as ecosystem restoration, Indigenous land management, wildlife management, and marine conservation. It emphasizes practical knowledge in managing natural resources, allowing graduates to address complex environmental challenges and support ecosystem sustainability



Envirotech Mentors: 15 Hours/week

Face-to-Face Lectures:  
5 Hours/week

Vocational Industry Professional (VIP)  
Placement: 16 Hours/week



Online  
Support



Blended  
Mode



Paid/Unpaid  
WorkPlacement



Full Duration  
78 Weeks



Accelerated  
58 Weeks



10  
Units



Practicals  
Every 5 Weeks



Workplace  
Application

# Course Units

AHCOCM303 Follow Aboriginal and/or Torres Strait Islander cultural protocols

AHCCSW501\* Survey and report on Aboriginal and/or Torres Strait Islander cultural sites

AHCOCM504 Develop strategies for on Country management

AHCLPW507 Implement natural and cultural resource management plans

AHCECR506 Develop and implement sustainable land use strategies

CUAFIM511 Source funding for projects

AHCBER504 Manage the implementation of a biosecurity emergency control program

AHCECR503 Design an ecological restoration project

AHCPMG508 Develop a system to monitor and evaluate the pest management plan

AHCNRM509 Develop a coastal rehabilitation strategy

## Skill Sets (Micro Credentials)

Skill Sets are combinations of units of competency which link to a licence or regulatory requirement or defined industry need. This program offer specialised accredited skill sets from the program start date to advance our students quality employment options.

- AHCSS00117 Introduction to Conservation and Ecosystem Management Skill Set

# Qualification Outcomes

Graduates of this diploma course will be equipped to perform operational, managerial, and technical roles in conservation and land management. They will acquire specialised skills in areas like conservation works, park administration, and water management, enabling them to contribute to various environmental and ecosystem management projects in diverse settings.

## Skills and Knowledge Development

**Upon completion of the course participants will be able to:**

- Survey and report on Aboriginal cultural sites.
- Prepare a design for an ecological restoration project in conservation or for ecosystem management.
- Develop and implement sustainable land use strategies that lead to improved ecological sustainability of land under production.
- Develop awareness of, and apply the protocols of Aboriginal culture, including the need to identify the appropriate persons when approaching a community and the cultural and social protocols associated with that task.
- Develop strategies for contemporary land or sea management from an Indigenous perspective.
- Implement natural and cultural resource management plans.
- Develop a pest monitoring and evaluation program for a local or broader regional area.
- Manage and implement a biosecurity emergency control program.
- Prepare a fauna management plan, including controlling or maintaining fauna populations.
- Develop, implement and evaluate a rehabilitation strategy for a natural area in a coastal zone.

# Career Outcomes

- Ecosystem Restoration Specialists
- Parks Ranger or Parks and Wildlife Manager
- Indigenous Land and Sea Management Officer
- Conservation Project Manager
- Environmental Consultant
- Natural Resource Manager

# Entry Requirements

There are no entry requirements for this qualification.



# Vocational Industry Placement (VIP)

Mandatory Vocational Placement program designed to enrich students' educational experience through practical, real-world engagement.

- 40 weeks and requiring a commitment of 16 hours per week (Face-to-face or online or combination of both).
- This program pairs students with an Industry Vocational Placement Host providing an invaluable opportunity to apply theoretical knowledge in a professional setting.
- Students have the flexibility to bring their own Vocational Placement Host (possible employers), allowing for a personalised experience that aligns with their career aspirations and interests.

The primary objectives of this placement are skills development, networking, and enhanced employability. Through hands-on experience, students will refine their professional skills, build meaningful industry connections, and significantly boost their job readiness, giving them a competitive edge in the job market.

This mandatory placement is a pivotal component of the Envirotech Education curriculum, ensuring students not only learn but also experience the realities of their chosen field.

# About Envirotech

Envirotech Education is an award-winning Australian Registered Training organization (RTO) endorsed by the Australian Skills Quality Authority (ASQA) for delivery of Vocational Education and Training (VET).

Envirotech VET accreditations are offered to: Domestic, Indigenous, international, and school students.

Envirotech has in-house expert trainers, mentors, and business developers, that are dedicated to connecting students to an industry journey and the development of real business initiatives and sustainable projects.

## Our Environmental Management & Sustainability Team



Melinda de Luna  
Head of Faculty  
Marine, Aquaculture and  
Sustainability



Dr. Steven Andrews, PhD  
Lead Trainer & Assessor,  
Marine Ecology and  
Ecosystem Management



Iain Watt, MSc  
Trainer & Assessor  
Marine Environmental  
Protection



Dr. Richard Skinner, PhD  
Trainer & Assessor  
Sustainability and  
Environmental Health



Khory Hancock  
Trainer & Assessor,  
Sustainability Carbon and  
land management



Dr. Kuntal Goswami, PhD  
Sustainable Business  
Consultant, Trainer & Assessor



Dr. Jayant Keskar, PhD  
Environmental Sustainability  
Trainer & Assessor



Dr. Maria Fontes, PhD  
Trainer & Assessor  
Marine and Ecosystem  
Management



Danica Solis, MSc  
Trainer & Assessor,  
Environmental Science  
and Ecosystem Management



Glenda Manalo-Cadigal, MSc  
Trainer & Assessor  
Marine and Sustainability



Cherry Jalover-Par  
Assessor Marine and  
Environmental Planning



Daria Sobczak  
Environmental Sustainability  
Consultant



Roberto Lampayan  
Trainer & Assessor  
Marine Biology and  
Aquaculture



Maricar Daquiaog  
Trainer & Assessor  
Marine Biology and  
Aquaculture



Lyle Cortes  
Trainer & Assessor  
Biology and Fish  
Husbandry



Francia Marie Jose, MSc  
Academic Support and Developer  
Marine, Aquaculture and  
Tropical Ecology



Paul Vincent Petalcorin  
Academic Support  
and Developer Marine,  
Aquaculture and Ecology

## JANUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1 - New Year's Day, 26 - Australia Day

## FEBRUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

## MARCH

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## APRIL

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
27	28	29	30			

3 - Good Friday, 4 - Easter Saturday, 5 - Easter Sunday, 6 - Easter Monday, 25 - Anzac Day

## MAY

S	M	T	W	T	F	S
					1	2
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

4 - Labour Day (QLD)

## JUNE

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

8 - King's Birthday (National Except QLD & WA)

## JULY

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## AUGUST

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

12 - Royal Queensland Show (QLD)

## SEPTEMBER

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20	21	22	23	24	25	26
27	28	29	30			

## OCTOBER

S	M	T	W	T	F	S
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

05 - King's Birthday (QLD) & Labour Day (NSW)

## NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

## DECEMBER

S	M	T	W	T	F	S
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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

25 - Christmas Day, 26 - Boxing Day





# ENVIROTECH EDUCATION

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