



# AHC40924 Certificate IV in Conservation and Ecosystem Management CRICOS 116050D

Develop sustainable initiatives and explore  
career opportunities in industry.

- ➔ [www.envirotech.edu.au](http://www.envirotech.edu.au)
- 📍 @envirotecheducation
- 📘 Envirotech Education
- ✉ [admissions@envirotech.edu.au](mailto:admissions@envirotech.edu.au)

# Course Overview

This nationally recognised qualification is comprehensive and equips individuals with advanced practical skills and theoretical knowledge for specialised work in conservation and environmental management. This is designed for those seeking supervisory or technical roles in ecosystem protection, land management, and environmental conservation.

The course focuses on developing expertise in key areas including conservation project supervision, Indigenous land management, ecosystem monitoring, pest control strategies, and fire management.

Through a combination of practical training and theoretical study, students learn to plan and implement conservation strategies, supervise ecological restoration projects, and manage environmental risks while ensuring workplace safety and regulatory compliance.



Envirotech Mentors: 15 Hours/week

Lectures: 5 Hours/week

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



Online  
Support



Blended  
Mode



Paid/Unpaid  
Workplacement



58  
weeks



12  
Units



Practical  
Components



# Course Units

## CORE

- AHCECR308 Conduct a site inspection for ecological restoration
- AHCWHS402 Maintain work health and safety processes

## ELECTIVES

- CHCCDE018 Develop and implement community programs
- MSL913004 Plan and conduct laboratory/field work
- AHCLPW408 Implement land and sea management practices
- AHCBUS407 Cost a project
- AHCECR401 Supervise ecological restoration works
- LGACOR007 Conduct community consultations
- NAT11078016 Install a coral nursery
- NAT11078017 Install and maintain coral nubbins in a nursery
- NAT11078018 Transplant coral nubbins from a nursery to a reef
- NAT11078032 Install a shellfish reef unit



# Skills and Knowledge Development

Upon completion of the course participants will be able to:

- Expertise in conducting detailed site inspections, ecological surveys, and biodiversity monitoring .
- Advanced skills in habitat rehabilitation, species protection, and ecosystem restoration techniques.
- Competence in conducting field operations including site preparation, equipment handling, and implementation of conservation protocols.
- Lead conservation initiatives through effective project planning, resource allocation, and team coordination.
- Capabilities in team leadership, staff supervision, and performance management within conservation contexts.
- Master the implementation of environmental regulations, Workplace safety standards, and conservation practices.
- Develop comprehensive understanding of Ecosystem functions, ecological processes, and biodiversity principles.
- Building through knowledge of environmental Legislation, regulatory requirements, and industry standards governing conservation work.
- Extensive knowledge of contemporary Conservation strategies, restoration methodologies, and land management approaches.
- Advanced problem-solving abilities for complex environmental challenges through critical analysis and evidence-based decision making.
- Expertise in professional communication across diverse stakeholders' groups, including technical report writing, project documentation, and presentation skills.
- Professional leadership capabilities for driving conservation initiatives and managing environmental projects.
- Building industry networks, maintaining stakeholder relationships, and fostering community partnerships.



# Qualification Outcomes

This course prepares graduates for specialised roles in environmental conservation and land management sectors, with a focus on supervisory and technical positions. The qualification enables professionals to work across diverse settings including national parks, conservation organisations, Indigenous ranger programs, and environmental consultancies.

## Career Outcomes

- National Parks and Wildlife Officer
- Conservation Project Supervisor
- Senior Indigenous Ranger
- Environmental Protection Officer
- Biodiversity Program Manager
- Land Management Coordinator
- Park Ranger Team Leader
- Environmental Restoration Specialist
- Conservation Field Operations Supervisor
- Ecological Monitoring Supervisor
- Environmental Education Coordinator

# About Envirotech

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

Envirotech VET accreditations are offered to: domestic, indigenous, international, and high school students.

The college has in-house expert trainers, mentors, and business developers, who are dedicated to connecting students to an industry journey and will facilitate engagement in 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



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



Khory Hancock  
Trainer & Assessor,  
Sustainability Carbon and  
land management



Iain Watt, MSc  
Trainer & Assessor  
Marine Environmental  
Protection



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-Cadiga, MSc  
Trainer & Assessor  
Marine and Sustainability



Cherry Jalover-Par  
Assessor Marine and  
Environmental Planning



Daria Sobczak  
Environmental Sustainability  
Consultant



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



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



Roberto Lampayan  
Trainer & Assessor  
Marine Biology and  
Aquaculture



Maricar Daquiaog  
Trainer & Assessor  
Marine Biology and  
Aquaculture



Lyle Cortes  
Trainer & Assessor  
Biology and Fish  
Husbandry

## 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, 27 - Australia Day

## FEBRUARY

S	M	T	W	T	F	S
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16	17	18	19	20	21	22
23	24	25	26	27	28	

## MARCH

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23	24	25	26	27	28	29
30	31					

## APRIL

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19	20	21	22	23	24	25
26	27	28	29	30		

18 - Good Friday, 19 - Easter Saturday, 20 - Easter Sunday, 21 - Easter Monday, 25 - Anzac Day

## MAY

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

5 - Labour Day (QLD)

## JUNE

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

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

## JULY

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19	20	21	22	23	24	25
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## AUGUST

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24	25	26	27	28	29	30
31						

13 - Royal Queensland Show (QLD)

## SEPTEMBER

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

## OCTOBER

S	M	T	W	T	F	S
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19	20	21	22	23	24	25
26	27	28	29	30	31	

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

## NOVEMBER

S	M	T	W	T	F	S
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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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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



Public Holiday



Term Break



Intake Date





# ENVIROTECH

## EDUCATION

### ENVIROTECH EDUCATION PTY LTD

ABN: 83133701578  
ACN: 133701578  
RTO ID: 31871  
CRICOS Provider Code: 03094J

### CONTACT

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Shed 2 54 Paradise Ave, Miami, QLD, 4220

**Sol Gardens Currumbin Valley**  
10 Bains Rd CURRUMBIN VALLEY QLD 4223

**Northern Rivers Marine Services**  
60 Queen St, Iluka, NSW, 2466

**Mungalla Station**  
1236 Forrest Beach Rd, FORREST BEACH, QLD, 4850

**Sydney Institute of Marine Science**  
19 Chowder Bay Road, Mosman NSW 2088

