



# 11246NAT Certificate II in Marine Habitat Conservation and Restoration CRICOS 114898E

*The first and only accredited Marine Habitat Conservation  
& Restoration VET Certificate Courses worldwide!*

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



# A Career Of Passion.

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## Who should join this course?

- ✓ Ocean advocates who want to embrace a meaningful career.
- ✓ Individuals who want to develop skills for conserving marine habitats. Communities who want to make a difference for the planet.

## Why should you join us?

- ✓ The Australian Government recognises Envirotech Education as a TVET Education Leader.
- ✓ Envirotech Education are the course developer and only provider in the entire world offering this course.
- ✓ Our expert Team is active in the marine industry; the course incorporates hands-on experience in ocean conservation and restoration projects.

## How does the delivery mode work?

The course is based on theory and practical.

Theory is delivered online through the Microsoft TEAMS platform. Your trainer will teach through direct learning, interactive discussion, and group case studies.

If you are unable to attend a scheduled class, the recording will be accessible online.

The practical aspect of the course is vital as it puts the theory into practice. Practical classes will prepare you with the necessary, specialised skills required to perform hands-on conservation and restoration projects.

# Course Overview

The program aims to provide participants with the skills and knowledge they need to contribute to the protection and restoration of marine ecosystems through effective conservation and aquaculture practices of the marine and coastal resources.

The course includes subjects like marine ecology – mangroves, corals, coastal dunes, environmental impact assessment, stock management, feeding, water quality testing, and large-scale system operations.



**Online  
Support**



**Blended  
Mode**



**Project Based  
40 Weeks**



**School Duration  
50 Weeks**



**Payment  
Options**



**15  
Units**



**Practical  
Components**



# Course Units

## Core Units

NAT11246001	Apply basic knowledge of marine restoration to conservation projects
NAT11246002	Participate in environmental assessment
AHCECR306	Conduct photography for fieldwork
NAT11246003	Prepare photo quadrats
AHCWHS201	Participate in work health and safety processes

## Elective Units

NAT11246008	Conduct an onsite information session on coral reef biology
NAT11246009	Participate in using line and belt transects for environmental monitoring
NAT11246010	Conduct quadrat sampling for environmental monitoring
NAT11246011	Participate in fish monitoring
NAT11246014	Participate in a coastal dunes rehabilitation project
NAT11246012	Take part in a mangrove conservation project
NAT11246013	Participate in a mangrove restoration project
CUAEVP201	Assist with the staging of public activities and events
NAT11247012	Present information regarding coral and reef conservation
NAT11247013	Take measurement of individual corals

# 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.

- Environmental Monitoring
- Coral Restoration
- Mangrove Conservation and Restoration
- Coastal Dunes Restoration



# Marine Habitats and Skill Sets

## Sand Dunes

Students learn how to use measuring tape and quadrats to monitor sand dunes.

Students learn how to assess microplastics accumulation on sand dunes.



## Corals

Students learn how to take measurements of individual corals, conduct surveys of natural reefs, and monitor a coral restoration site.

Students will also learn how to plan and present information on a coral nursery or restoration project.



# Mangroves

Students learn how to identify mangrove species, understand ecosystem services, and the different methods applied to mangrove conservation and restoration projects.

Students will also participate in a field project and use the necessary tools and equipment that contribute to successful conservation outcomes.



# Photography

Students will learn techniques and skills to set up and use equipment to take photographs while doing their fieldwork both on land and underwater.

Students will also learn how to successfully capture underwater video as an effective data collection tool for marine conservation research.

An underwater photograph showing a vibrant coral reef with various species of coral and small fish swimming in the clear blue water. The scene is illuminated by natural light, creating a bright and colorful environment.

# Qualification Outcomes

This course provides students with a solid foundation in marine habitat conservation and restoration practical fieldwork techniques. It enables its graduates to access rewarding employment opportunities with consultancies, conservation groups, and not-for-profit organisations.

## Skills and Knowledge Development

Upon completion of the course participants will be able to:

- Provide useful assistance on marine conservation or restoration projects
- Contribute to the planning of conservation and restoration fieldwork
- Prepare draft reports and presentations for marine environmental projects
- Construct three different types of coral nurseries
- Measure corals to monitor growth rate
- Construct diversity enhancers used to increase the biodiversity around jetties and seawalls, and provide stable substrate for the restoration of marine benthic communities
- Participate in the planting of coastal dune vegetation
- Conduct terrestrial and marine ecosystem surveys using belt and line transects, quadrats and underwater cameras
- Understand methods of benthic surveys and fish counting techniques
- Learn the importance of health and safety assessments for proposed fieldwork and prepare a workplace health and safety plan



# Career Outcomes

- Marine Field Assistant
- Education officer assistant
- Environmental consultant assistant
- Resident Assistant in aquariums and NGOs
- Field Technician
- Coastal restoration officer
- Public liaison assistant in the marine conservation field





# 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.



# 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 Marine Team



Melinda De Luna  
Co-CEO, Marine &  
Sustainability  
Trainer & Assessor



Dr. Steven Andrews  
Lead Trainer &  
Assessor



Prof. Nadav Shashar  
Professor &  
Marine Expert



Iain Watt  
Academic  
Development  
TVET Trainer &  
Assessor



Glenda Cadigal  
Marine Expert  
Trainer & Assessor



Lyle John Cortes  
Marine Trainer &  
Assessor & Content  
Developer



Cherry Jalover-Par  
Marine & Sustainability  
Assessor & Content  
Developer



Noeme Fabiosa  
Marine Trainer &  
Assessor &  
Content Developer



Maricar Daquiao  
Marine Academic  
Support &  
Content Support



Roberto Lampayan  
Marine Academic  
Support &  
Content Developer



Paul Vincent Petalcorin  
Marine Academic  
Support &  
Content Developer



Francia Marie Jose  
Marine Academic  
Support &  
Content Developer



Marine &  
Sustainability  
Trainer & Assessor



Marine &  
Sustainability  
Trainer & Assessor



Marine &  
Sustainability  
Trainer & Assessor



## JANUARY

S	M	T	W	T	F	S
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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

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## MARCH

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30	31					

## APRIL

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27	28	29	30			

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

## MAY

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

5 - Labour Day (QLD)

## JUNE

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

## JULY

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27	28	29	30	31		

## AUGUST

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24	25	26	27	28	29	30
31						

13 - Royal Queensland Show (QLD)

## SEPTEMBER

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28	29	30				

## OCTOBER

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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

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23	24	25	26	27	28	29
30						

## DECEMBER

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21	22	23	24	25	26	27
28	29	30	31			

25 - Christmas Day, 26 - Boxing Day



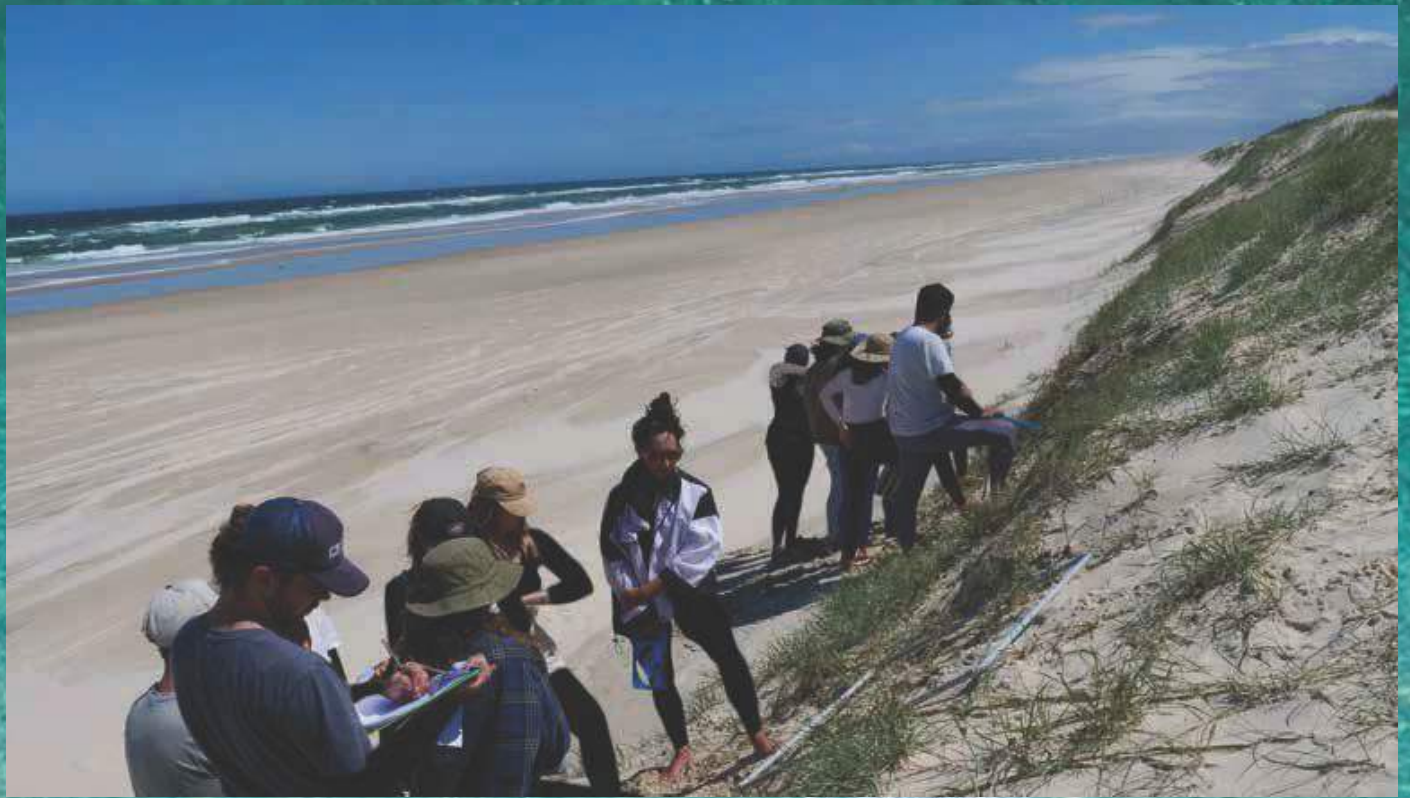
Public Holiday



Term Break



Intake Date







# ENVIROTECH EDUCATION

## ENVIROTECH EDUCATION PTY LTD

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

## CONTACT

Tel: + 61 (7) 5535 3766  
Email: [admissions@envirotech.edu.au](mailto:admissions@envirotech.edu.au)

## Gold Coast Dive Centre & Marine Training College

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

