



AHC31424 Certificate III in Conservation and Ecosystem Management CRICOS 116049H

**Develop sustainable initiatives and explore
career opportunities in industry.**

➔ www.envirotech.edu.au
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Course Overview

This qualification provides the skills, theoretical and practical knowledge for work or further learning in the conservation and ecosystem management industry.

At this level of qualification, students will learn a range of conservation and ecosystem management activities including site restoration, rehabilitation and renewal and management of the rural and natural landscapes, degraded sites and marine environments.



Envirotech Mentors: 15 Hours/week

Lectures: 5 Hours/week

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



**Online
Support**



**Blended
Mode**



**Project Based
40 Weeks**



**School Based
50 Weeks**



**16
Units**



**Practical
Components**

Course Units

CORE UNITS

AHCECR309	Conduct an ecological and cultural site inspection prior to works
AHCWHS302	Contribute to work health and safety processes

ELECTIVE UNITS

AHCECR301	Maintain native ecosystem areas
AHCECR302	Collect and preserve biological samples
AHCECR307	Read and interpret maps
AHCBIO303	Apply biosecurity measures
AHCPMG307	Apply animal trapping techniques
AHCECR304	Undertake direct seeding
AHCECR303	Implement biological reintroduction works
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases
AHCPMG302	Control plant pests, diseases and disorders
AHCECR306	Conduct photography for fieldwork
NAT11247004	Use tools to carry out basic tasks in marine conservation work
NAT11247005	Install diversity enhancers
NAT11246012	Take part in a mangrove conservation project
NAT11246014	Participate in a coastal dunes rehabilitation project





Skills and Knowledge Development

Upon completion of the course participants will be able to:

- Inspect a site for ecological, biosecurity, cultural and heritage risk and report discrepancies in planned works prior to commencing works.
- Carry out enterprise work health and safety policies and procedures.
- Plan and implement maintenance work within native ecosystem areas.
- Identify sampling method and collect and preserve biological samples for later processing and/or analysis.
- Read and interpret road and topographical maps for navigation or positioning and plotting purposes.
- Interpret and apply control measures in a biosecurity plan to protect a site from the entry and spread of biosecurity threats.
- Trap and hold live animals for release, transportation or destruction. Trapped animals can be native animals, domestic animals, animals determined to be pests or feral animals.
- Identify and assess the effect to plants of plant pests, diseases and disorders and plan and coordinate control measures.
- Set up and use photographic equipment and techniques to take photographs in the field.
- Use tools to carry out basic tasks in marine conservation work
- Prepare and install diversity enhancers
- Take part in mangrove conservation project and coastal dunes restoration

Qualification Outcomes

The qualification provides students with a solid foundation in the preservation and maintenance of wildlife and their habitat in the natural ecosystem, parks and reserves.

It enables students to perform activities frequently involve working with and preservation of Indigenous culture and heritage resources.

Career Outcomes

- Land rehabilitation worker
- National parks worker
- Revegetation worker
- National parks ranger
- Earthworks conservation technician
- Rehabilitation of mined land worker
- Marine Conservation and Restoration assistant
- Marine monitoring assistant

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.

The Team 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
Environmental Sustainability
Consultant & Assessor



Dr Kuntal Goswami
Sustainable Business
Consultant, Trainer & Assessor



Richard Skinner
Environmental Sustainability
Trainer & Assessor



Khory Hancock
Environmental Sustainability
Trainer & Assessor



Jayant Keskar
Environmental Sustainability
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Daria Sobczak
Environmental Sustainability
Consultant



Glenda Manalo-Cadigal
Environmental Sustainability
Consultant, Trainer & Assessor



Cherry Jalover-Par
Environmental Planner
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