

▶ MARINE ENVIRONMENT DEGREE



CAREER OPPORTUNITIES

This degree will prepare a graduate for exciting careers in marine conservation and environmental management, fisheries and aquaculture, the tourism industry, shipping, the off-shore industries, non-governmental organisations and all levels of government, from local to global.

ENTRY REQUIREMENTS

Satisfactory completion of Year 12 (TCE, VCE, HSC or equivalent), including English, Mathematics and a Science subject and a TER score of 60 or above (TER scores <60 may enter the Associate degree of Applied Science (Marine Environment) with a possibility of transfer to the Bachelor degree based on performance). Mature-age applicants with relevant experience may be given special consideration. It is an Australian Maritime Safety Authority (AMSA) requirement that all students undertaking practical work at sea undertake a medical assessment.



Maritime Way, Newnham, Tasmania 7248
Locked Bag 1352, Launceston, Tasmania 7250

Phone (within Australia) 1300 363 864
Phone (International) +61 3 6324 3503

CRICOS Code 00586B

www.amc.edu.au



The AMC is an institute of the University of Tasmania



▶ MARINE ENVIRONMENT DEGREE



Bachelor of Applied Science (Marine Environment)

YOUR TICKET TO THE WORLD



START AT AMC

It's boom time in the global marine and maritime industry. A degree from AMC will set you up for a top job earning big money.

Located in Launceston, a thriving regional city with low living costs, the AMC integrated with the University of Tasmania on January 1, 2008 to become a specialist institute.

Our courses are tailored to service both the maritime industry and stakeholders and our graduate employment rate approaches 100%. We are ranked in the top ten maritime education institutions in the world.

AMC is your ticket to the world.



BACHELOR OF APPLIED SCIENCE (MARINE ENVIRONMENT)

The Problem

The world's population has passed 6 billion, pressures are mounting on the marine environment from climate change and increasing global trade, and human demands on ocean resources are at levels never seen before.

The Solution

The AMC Bachelor of Applied Science (Marine Environment) degree introduces students to the many competing forces facing the marine environment across biological, economic and social concerns.

Only careful planning and good policy decisions will ensure our oceans are managed sustainably into the future.

The degree provides graduates with the skills and knowledge to make decisions to ensure our marine environment's resources are used sustainably for future generations.

THE DEGREE

With a hands on approach, a degree in Marine Environment uses a translational science approach integrating the natural sciences with management, policy and law. The degree has a common first year and allows students to specialise in year's Two to Three with a choice of six major areas. These are:

1. **Global change** – How will our climate shift, what are the potential effects of a changing and highly mobile population and how will globalisation and international trade alter our coastal ecosystems? This major will provide the knowledge base for graduates to make a strong contribution to our future.
2. **Marine Conservation** – What are the interactions between human societies and the marine environment and how will we continue to use marine and coastal ecosystems without impacting upon the needs of future generations? This major will provide graduates with the knowledge and skills needed to make such fundamental decisions.

3. **Fisheries Management** – What are the principles of ecologically sustainable development in marine ecosystems and how do we apply science and technology to the assessment and sustainable management of wild fisheries: A major in Fisheries Management will provide graduates with the skills and knowledge to help answer these questions.

4. **Aquaculture** – Pressures are mounting on wild fish stocks and the aquaculture industry has an important role to play in releasing that pressure. With a focus on the underpinning aspects of animal behaviour, physiology and gear technology, the major in Aquaculture helps graduates develop the skills needed to operate within this important sector.

5. **Seafood Quality and Safety** – As recent incidents have demonstrated, seafood quality and safety is an important human health issue. With emphasis on the consideration of pathogens and parasites, and aspects of biosecurity and quarantine, the major in Seafood Quality and Safety explores how to deliver seafood from harvest to market safely.

6. **Ocean Governance** – Learn how to manage the world's oceans and resources across national boundaries and on the high seas.

