

# Maritime Engineering

Learn from highly qualified engineers in the Southern Hemisphere's most advanced collection of maritime facilities.

The Australian Maritime College delivers a specialist engineering program that will guide you towards a thriving career in the maritime industry. Your studies will focus on one of three maritime industry specialisations: Naval Architecture, Ocean Engineering, or Marine and Offshore Engineering.

Your education will include access to world-class training and research facilities. You will benefit from AMC's industry connections and experience, providing you with a competitive edge as a graduate.

## WHY STUDY MARITIME ENGINEERING WITH US?



Study in Australia's national institute for maritime education, training and research, ranked #1 globally.

> [READ MORE](#)



We are the strategic education partner for Australia's Naval Shipbuilding plan, with close links to the Australian maritime and shipbuilding industry.



We have the Southern Hemisphere's most advanced maritime research and learning facilities.

### Bachelor of Maritime Engineering (Specialisation) with Honours

> [VIEW COURSE DETAILS](#)

**Duration** Min. 4 Years, up to a max. of 9 years\*

**Location** Launceston

**Intake** February

CRICOS 095524G

### Bachelor of Maritime Engineering (Specialisation) with Honours (Cooperative)

> [VIEW COURSE DETAILS](#)

**Duration** Min. 5 Years, up to a max. of 11 years\*

**Location** Launceston

**Intake** Semester 1

CRICOS 095524G

\*Subject to international student visa conditions if applicable.

## CAREER OUTLOOK

More than 15,000 jobs are expected to be created in Australia over the next 50 years in the maritime industry. Our graduates find successful careers in one of three specialist streams of Maritime Engineering:

### Naval Architect

Design the most complex machines on Earth. This includes everything from luxury yachts and submarines, to the future of autonomous shipping, to Australia's next generation naval fleet.

### Ocean Engineer

Design, build, support and maintain the huge range of structures and machines that make up the maritime industry.

### Marine and Offshore Engineer

Design, manufacture, deploy and commission machinery and systems associated with the marine and offshore industries.



Bluefin, AMC's 35m flagship training vessel, docked at Beauty Point, Tasmania

## WHAT CAN I STUDY?

### Naval Architecture

Naval Architecture focuses on the design and construction of everything from submarines and naval ships to luxury yachts, ferries, and cargo vessels. Across multiple branches of engineering, you can gain expertise in the shipping, high-speed, offshore, defence, underwater and recreational industries.

### Ocean Engineering

Dive into advanced studies of the ocean environment and the conditions that impact the life cycle of marine structures. Ocean Engineering focuses on the design, construction and operation of offshore, subsea and coastal structures. You will also learn about applied wave mechanics, underwater technology and offshore renewable energy concepts.

### Marine and Offshore Engineering

This specialisation focuses on the design, maintenance, and management of mechanical and mechanical-electrical systems. You'll also learn about diverse maritime engineering topics from oil and gas exploration and extraction to submarine cabling, wind farms and wave power.

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The AMC also offers a Bachelor of Engineering (specialisation with Honours) Cooperative. This 5-year course allows you to combine your studies with between 15 and 18 months of practical experience in your chosen specialisation.

Our 2+2 Programs provide the opportunity to complete the first two years of your degree at any of our partnering institutions in Australia and New Zealand, with the final two years of your degree to be completed on campus at AMC in Launceston, Tasmania.

**View more maritime courses here.**

### Bluefin: Maritime Engineering

Often described as a degree highlight, this experience gives students the chance to undertake a series of hands-on projects at sea. Take a five-day voyage on our 35-metre training vessel. You'll engage in marine operations and discover issues unique to the deep-sea environment.

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One of the best and most unique parts of my degree was having access to the facilities at the AMC and getting practical experience using the model test basin, towing tanks and cavitation tunnel during projects.”

– TIM MACDONALD, AMC ALUMNUS



Students using the model test basin, AMC, Launceston