

# Marine Science Career Snapshot



## Graduate Opportunities

Graduates can work in a wide range of areas related to marine science including **research, higher education, government, charities, marine tourism, conservation, fisheries/hatcheries and more**. Job roles might include:

- Research Scientist
- Marine Biologist
- Conservation Coordinator
- Aquaculture Technician
- Fisheries Observer/Manager
- Policy Advisor/Officer
- Environmental Consultant
- Dive Operations Manager

For further inspiration see: [Marine Biologist Job Profile](#)

## Further Study Options

While a **Master's degree** isn't always required for all marine biology roles, it's generally recommended and often necessary for specialised or research-oriented positions, especially in academia.

Postgraduate pathways at JCU include:

- Master of Marine Biology
- Master of Science (Majors: Aquaculture Science, Fisheries Science and Management)

## Career Relevant Experience

Gaining career relevant experience alongside your studies is **absolutely vital** when pursuing a career in marine science. Competition for roles is extremely high and a wide range of skills is often required by employers.

Make sure to apply for **internships, volunteering opportunities and develop your skills wherever possible**. Look at job descriptions to determine what skill and experience you will require and set about developing them. In many roles **diving experience** is essential, **while GIS, fieldwork, coxswain, coding and research experience** are often highly valued.

## Top Employers

The top employers for JCU Marine graduates are:

- JCU
- Australian Institute of Marine Science
- Great Barrier Reef Marine Park Authority
- CSIRO

Also look for opportunities at organisations such as:

- [TropWater](#)
- [Earthwatch](#)
- [RummerLab](#)

## Specific Job Websites

- [NRM Environmental Jobs](#)
- [AIMS Jobs](#)
- [Blue Jobs](#)
- [Queensland Government Jobs](#)
- [Great Barrier Reef Marine Park Authority](#)
- [EthicalJobs](#)

## Recommended Skills

**Teamwork**; Project Management; **GIS**; Scuba Diving; **Data Analysis**; Problem Solving; **Observation**; Communication (Written and Verbal); **Flexibility**;

## Graduate Career Portals

Check out these sites for graduate programmes, graduate jobs, internships and placements:

- [Prosple](#)
- [SEEK Grad](#)
- [Smart Jobs](#)

## JCU Careers Support

The JCU Careers and Employability Team are here to support you during your studies and after you graduate:

- [JCU Careers Website](#)
- [CareerHub \(Book Careers Appointments Here\)](#)



## Volunteering Opportunities

Look at the following links and organisations for further volunteering and work experience opportunities:

### Research

- [AIMS](#)
- [Great Barrier Reef Foundation](#)
- [TropWater](#)
- [JCU Turtle Health Research Centre \(The Caraplace\)](#)
- [RummerLab](#)
- [Reef Ecologic](#)
- [Reef Restoration Foundation \(Facebook page\)](#)
- [EarthWatch](#)

### Charity

- [OzFish](#)
- [NQ Dry Tropics](#)
- [Tangaroa Blue](#)
- [Sea Turtle Foundation](#)
- [Coral Sea Foundation](#)

### Conservation/Sustainability

- [TropEco Interns](#)
- [North Queensland Conservation Council](#)
- [Australian Marine Conservation Society](#)
- [Conservation Volunteers Australia](#)
- [Marine Animal Stranding Response—Magnetic Island](#)
- [Coastal Dry Tropics Landcare](#)
- [Oceans2Earth](#)
- [Wet Tropics Management Authority](#)
- [CoExist](#)

### Wildlife

- [NQ Wildlife Care](#)
- [Wildlife Surrounds](#)
- [Wildlife Preservation Society of Qld](#)
- [Australian Wildlife Conservancy](#)

### Aquaculture/Fisheries

- [Centre for Sustainable Tropical Fisheries and Aquaculture](#)
- [Centre for Macroalgal Resources and Biotechnology \(MACRO\)](#)
- [Marine and Aquaculture Research Facilities Unit](#)

### Miscellaneous

- [Orpheus Island Research Station – Volunteer information](#)
- [Greening Australia](#)

## Further Employers/Job Boards

The following Australian and overseas organisations are known to recruit Marine Science graduates, some of them also offering vacation programs:

- [ABARES](#)
- [Bureau of Meteorology](#)
- [Australian Fisheries Management Authority](#)
- [Institute for Marine and Antarctic Studies \(IMAS\)](#)
- [Queensland Government Department of Environment and Science](#)
- [European Geosciences Union](#)
- [Earthworks Jobs](#)
- [Marine Careers USA](#)
- [Woods Hole Oceanographic Institution](#)
- [Marine Conservation Institute](#)
- [Department of Wildlife and Fisheries Sciences Job Board](#)
- [Marine Stewardship Council](#)
- [North Pacific Marine Science Organization](#)
- [Japan Agency for Marine-Earth Science and Technology](#)
- [Environment Jobs UK](#)
- [Association of Polar Early Career Scientists](#)
- [WISE Oceans](#)
- [Intergovernmental Oceanographic Commission](#)