

## **Marine and Aquatic Technology**

Marine and Aquatic Technology is a Content Endorsed Course

Course details are included on RoSA

Course details are included on School Report

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Ulladulla is a coastal community and provides the ideal setting for Marine Biology. Choosing this topic provides an opportunity for the future custodians of this environment to study it and to appreciate its value. It gives them the opportunity to develop the knowledge and skills to use and protect its unique ecosystems, and at the same time communicate their appreciation to the community. It provides an opportunity to instill in students an acceptable ethical code towards the use of the marine environment, increasingly demanded by the community and governments.

By studying Marine Biology students develop their capacity to think critically by calling upon a wide range of knowledge, procedures and approaches to analyse issues and develop solutions. They are required to examine the impact of technology and human activity on the marine environment.

Students who are considering this subject should have an interest in the marine environment and be aware that the course does involve a level of scientific literacy and practical tasks involving coastal settings.

An opportunity may exist to attain their NSW Boat License, so additional costs may occur.

### **Year 9 Course**

- Core 1: Introduction to Marine and Aquaculture Technology
- Water Chemistry and Quality
- Aquarium Design and Maintenance
- Fish Biology
- Marine Mammals
- Rock Platforms
- Ocean Plastics
- The Abyss

### **Year 10 Course**

- Core 2: Skills Management and Employment
- Dangerous Marine Creatures
- Small Motorboats (If running with Roads and Maritime Services)
- Sharks
- Microscopic Aquatic Organisms
- Aquaponics
- Fish Harvesting and Biodiversity
- Marine and Aquatic Plants
- Snorkeling

**Course Advisers:** Mrs J Ford