

# Marine Science: A day in the life

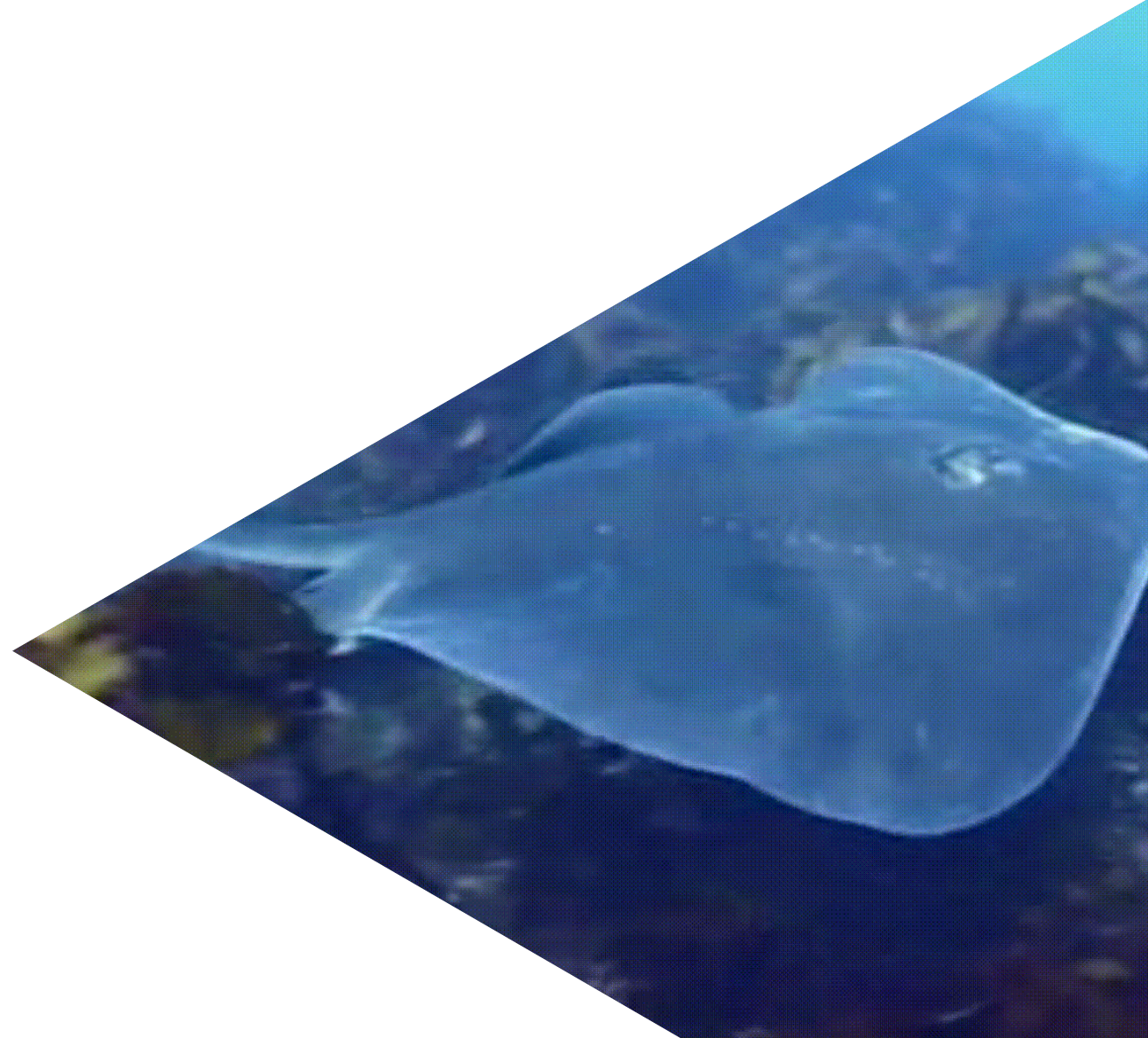
Career Practitioners' Seminar  
masterclass

Dr Prue Francis  
Course Director



# Why study marine science....a global perspective

- Conservation of marine ecosystems
- Climate change and ocean health
- Sustainable resource management
- Human health and wellbeing
- Scientific knowledge and discovery





# Why study marine science.....an Aus perspective

- National Marine Science Plan
  - Maritime sovereignty, safety and security
  - Energy security
  - Food security
  - Climate change
  - Biodiversity conservation
  - Urban coastal environments
  - Allocation of resources
- Ocean Decade Plan
- Net Zero sector





# Why Marine @ Deakin



# Course structure

The **Bachelor of Marine Science** is run as a single degree on the Geelong Waurin Ponds and Warrnambool campuses.

To complete this degree, students must attain 24 credit points, consisting of:

- 12 core units
- 6 credit point major sequence in either *Ocean, Fisheries and Aquaculture Science (Geelong)* or *Sustainable Marine Management (Warrnambool)*
- 6 credit points of elective units which may comprise of: A minor (4 credit points) in either Indigenous Studies or Global Engagement + 2 electives (2 credit points) OR undergraduate units offered by the University (subject to availability)





# Course structure

Year	Trimester	Core units			Elective units
Year 1	Trimester 1	Marine Environments	Cells and Genes	Chemistry in Our World	Elective unit
	Trimester 2	Ocean Processes	Oceans, Coasts and Climate Change	Major unit	Elective unit
Year 2	Trimester 1	Research Methods and Data Analysis	Marine Biology	Major unit	Elective unit
	Trimester 2	Marine Ecology	Marine Geographic Information Systems	Major unit	Elective unit
	Trimester 3	Marine Wildlife			
Year 3	Trimester 1	Professional Practice	Transdisciplinary Marine Science	Major unit	Elective unit
	Trimester 2	Major unit	Major unit		Elective unit



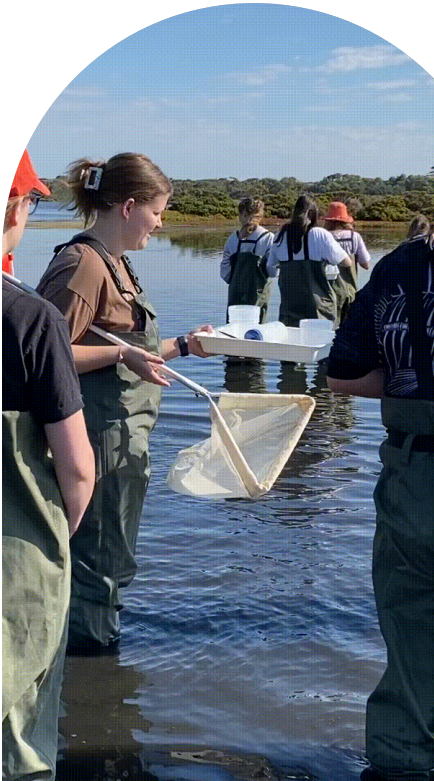
Core unit



Major unit



Elective unit





# Major and minor options

Major 1: Ocean, Fisheries and Aquaculture Sciences	Major 2: Sustainable Marine Management	Minor 1: Indigenous Studies
Introduction to Fisheries	Environmental Sustainability	
Marine Microbiology and Genomics	Indigenous Engagement: Natural Resource Management	Minor 2: Global Engagement
Quantitative Marine Science	Marine Futures	
Oceanography	Integrating Marine, Coastal and Catchment Management	
Aquaculture	Catchment to Coasts	
Fisheries Science	Marine Ecotoxicology and Risk Assessment	



# What is marine science?

