

COURSE MODULE INFORMATION

ZO319: Marine Zoology

Semester 1 | Credits: 5

This module studies deep-sea environments and explores marine diversity patterns and explanations for these patterns.
(Language of instruction: English)

Learning Outcomes

1. Identify the major groups of cnidarians commonly associated with seamounts and submarine canyons.
2. Describe the biology of seamount and submarine canyon communities.
3. Review the importance of designated deep-water marine protected areas.
4. Define a community and community structure.
5. Quantify species diversity.
6. Identify trends in marine community structure (i.e., species diversity and trophic structure), hypotheses to explain these trends, and arguments that weigh up the relative merits of these hypotheses.
7. Define an ecological niche.
8. Define the relationship between area and species richness and apply this relationship to real conservation problems.

Assessments

- Written Assessment (70%)
- Continuous Assessment (30%)

Module Director

- ANNE MARIE POWER: [Research Profile](#) | [Email](#)

Lecturers / Tutors

- LOUISE ALLCOCK: [Research Profile](#)
- MARK PETER JOHNSON: [Research Profile](#)

- GRACE PATRICIA MCCORMACK: [Research Profile](#)
- ANNE MARIE POWER: [Research Profile](#)
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Reading List

1. "Ecology" by Charles J. Krebs
ISBN: 9780321507433.
Publisher: San Francisco Benjamin Cummings c2009

The above information outlines module ZO319: "Marine Zoology" and is valid from 2015 onwards.
Note: Module offerings and details may be subject to change.