



### Extra information on the teaching methods

This module utilises a case study approach, seminal research papers are evaluated and discussed by the learners. This module also uses a role play component where learners must adopt a viewpoint supported by available evidence in debate with their peers tasked with holding opposite viewpoints.

### Learning materials and price

none

### References

- Au, W.W.L. (1993) The sonar of dolphins. Springer-Verlag New York.
- Au, W. W. L. (1997) Echolocation in dolphins with a dolphin-bat comparison. *Bioacoustics* 8, 1-2, 137-162.
- Au, W.W.L. (2000) Echolocation in dolphins, in *Hearing by Whales and Dolphins*, edited by W.W.L. Au, A.N. Popper, and R.R. Fay (Springer New York), 364-408.
- Richardson, W.J.; Greene, C.R; Malme, C.I. and Thomson, D.H. (1995) *Marine Mammals Noise*. Academic Press, San Diego.
- Zimmer, W. 2011 *Passive Acoustic Monitoring of Cetaceans*. Cambridge University Press. Online ISBN: 9780511977107, Hardback ISBN: 9780521193429
- Journals and other module material will be placed on moodle by the module co-ordinator

### Course content-related study coaching

Students experiencing difficulties should engage with course staff, or academic support units within GMIT.

### Assessment moments

continuous assessment

### Examination methods in case of periodic assessment during the first examination period

### Examination methods in case of periodic assessment during the second examination period

### Examination methods in case of permanent assessment

Oral examination, Assignment

### Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

### Extra information on the examination methods

All assessments are formative and summative, they contribute to the module grade. The module is 100% continuous assessment and there is no terminal examination. The module is assessed using a combination of theoretical and practical exercises including presentations, data analysis and reporting.

### Calculation of the examination mark

- Theory assessment: Continuous Assessment; 40 %
- Practical assignment: Continuous Assessment; 30 %
- Presentation Presentation: Continuous Assessment; 30 %