

2019 Short Course

ADVANCED PRACTICUM IN MARITIME ARCHAEOLOGY



This short course will introduce students to the basics of marine geophysics for archaeology and the theory behind remote sensing: sidescan, marine magnetometer, multi beam and sub bottom profiler.

Course Content

The practicum will include one field day on the water where students learn how to operate a sidescan sonar, collect data on a local shipwreck site using a sidescan sonar, and process the data. Students will work closely with our Industry partners. The field day will be devoted to data acquisition, shipwreck mapping, interpretation and reporting as would be expected in a professional environment. Students will also learn data processing using SonarWiz software in the Digital Archaeology Lab.

Who should attend?

There are no prerequisites for this short course and we welcome applications from people of all nationalities and anyone over the age of 18.

There are no prerequisites for this short course other than being over the age of 18 years. Moderate levels of fitness will be necessary for some components of this short course.

This course will be of particular interest to students of archaeology, anthropology, history, geography, environmental management, heritage and other related fields. Additionally avocational archaeologists and archaeology professionals will also benefit from this experience.

Learning Outcomes

- become “workplace literate” acquiring the practical and technical skills for conducting maritime archaeology fieldwork;
- create professional relationships with maritime archaeologists currently working in the field and gain an understanding of their workplace and job descriptions;
- enhance employment prospects by acquiring field experience
- developed an appreciate for working in a team setting, acquiring the personal and professional attributes necessary to work with others to complete tasks;
- be able to use and process data from a side scan sonar and magnetometer survey.

When it's run

November 25, 2019

Cost

Flinders University students

Normal 4.5 topic fee paid via HECS

Overseas participants

\$3,350 (inc. GST)

Non-Flinders University Australian students

\$2,133 (inc. GST)

Registration

[Register online](#)

[Pay online](#)

Mode of delivery

Face-to-face

Location

Bedford Park, Flinders University

Assessment

- Continuous Assessment (50%): Assessment based on attendance, contribution to fieldwork and their ability to operate successfully in a field environment.
- Marine Geophysics Survey Report (50%): This report will include data collected, processed and interpreted from the one day survey of an archaeological site

Disclaimer

Every effort has been made to ensure the information in this publication is accurate at the time of publication. Information regarding this course, the course fees, and the content is subject to change. Please refer to our website for up-to-date information. Thank you.

CPD and Credits

Participants who complete the assessments are supplied with a Certificate of Achievement which states that the course is equivalent to a 4.5 unit topic.

Participants should be able to use this to negotiate credit with their home institution which they should do prior to making arrangements to attend this course.

Facilitators/Presenters

Jonathan Benjamin, Senior Lecturer in Maritime Archaeology

Paul Baggaley, geophysicist and Chief Technical Officer responsible for the technical and service teams of Wessex Archaeology

Further information

For any further information please email Jonathan Benjamin
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