



AHIS3302

Laboratory Methods of Archaeology

Session 1, Online-flexible 2022

Department of History and Archaeology

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General Information

Unit convenor and teaching staff
Primary Convenor / Primary Contact
Prof. Ronika Power
ronika.power@mq.edu.au
Contact via Email
25WW B113
By appointment only: contact via email

Credit points
10

Prerequisites
130cp at 1000 level or above or (20cp in AHIS or AHST units at 2000 level)

Corequisites

Co-badged status

Unit description
This unit covers the range of laboratory principles and methods used in archaeology for the description, analysis and critical appraisal of artefacts, features and sites. Through theoretical instruction and practical demonstrations in on-campus laboratories, students learn how the different experts involved in an archaeological project carry out laboratory analyses and artefact studies on archaeological sediments, items of material culture, and plant, human and animal remains using scientific approaches (for example, X-ray Fluorescence Spectrometry, Electron microscopy, Gas chromatography, etc).

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

- ULO1:** Acquire knowledge of the principles of archaeological techniques and methods in a laboratory-environment
- ULO2:** Apply knowledge of archaeology while participating in scientific practical experiences
- ULO4:** Analyse archaeological features and materials (pottery, architecture, metal, bone,

and ivory objects) at an advanced level

ULO3: Communicate with other team members about strategies for study and analysis of archaeological objects

ULO5: Demonstrate critical thinking in the interpretation of the archaeological data

ULO6: Synthesize and communicate acquired knowledge and understanding to produce critical analytical reports

General Assessment Information

SUCCESSFUL COMPLETION OF THE UNIT

To complete the unit successfully you need a minimum mark of 50% overall.

N.B. You must attempt every piece of assessment to pass this unit. In accordance with Clause 129 of the [University Assessment Policy](#), non-submission of an Assessment Task will result in a FA grade - Fail Absent.

GRADES:

F: 0-49% **P:** 50-64% **CR:** 65-74% **D:** 75-84% **HD:** 85-100%

LATE SUBMISSION OF ASSESSMENT TASKS - PENALTY

Unless a formal online **Special Consideration** request has been submitted and approved, (a) a penalty for lateness will apply – 10 marks out of 100 credit will be deducted per day for assignments submitted after the due date – and (b) no assignment will be accepted seven days (incl. weekends) after the original submission deadline.

No late submissions will be accepted for timed assessments – e.g. quizzes, online tests.

IMPORTANT NOTE ON FINAL MARKS

Please note with respect to the marks you receive for work during the session: grading decisions for each assessment task will be moderated against the set criteria and standards before task results are released. See further the note on **Results** in the Policies and Procedures section below.

Assessment Tasks

Name	Weighting	Hurdle	Due
Online Quiz 1	20%	No	Week 4; 17/03/22
Research Essay	30%	No	Week 7; 10/04/22
Online Quiz 2	20%	No	Week 10; 12/05/22
e-Portfolio	30%	No	Week 12; 29/05/22

Online Quiz 1

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 4 hours

Due: **Week 4; 17/03/22**

Weighting: **20%**

Answer 10 short questions based on the seminar content and readings

On successful completion you will be able to:

- Acquire knowledge of the principles of archaeological techniques and methods in a laboratory-environment
- Apply knowledge of archaeology while participating in scientific practical experiences
- Analyse archaeological features and materials (pottery, architecture, metal, bone, and ivory objects) at an advanced level
- Demonstrate critical thinking in the interpretation of the archaeological data
- Synthesize and communicate acquired knowledge and understanding to produce critical analytical reports

Research Essay

Assessment Type ¹: Essay

Indicative Time on Task ²: 44 hours

Due: **Week 7; 10/04/22**

Weighting: **30%**

Your answer to the essay question should demonstrate extensive use of primary and secondary sources. Your essay should be based on an analysis and discussion of primary (ancient) sources. Secondary literature should be used to aid you in your analysis and interpretation of the ancient sources and to place your interpretation within the context of previous scholarship. All opinions included in the essay, whether quoted directly or paraphrased, should be referenced according to the standard guidelines for the Department of Ancient History.

On successful completion you will be able to:

- Acquire knowledge of the principles of archaeological techniques and methods in a laboratory-environment
- Apply knowledge of archaeology while participating in scientific practical experiences

- Analyse archaeological features and materials (pottery, architecture, metal, bone, and ivory objects) at an advanced level
- Communicate with other team members about strategies for study and analysis of archaeological objects
- Demonstrate critical thinking in the interpretation of the archaeological data
- Synthesize and communicate acquired knowledge and understanding to produce critical analytical reports

Online Quiz 2

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 4 hours

Due: **Week 10; 12/05/22**

Weighting: **20%**

Answer 10 short questions based on the seminar content and readings

On successful completion you will be able to:

- Acquire knowledge of the principles of archaeological techniques and methods in a laboratory-environment
- Apply knowledge of archaeology while participating in scientific practical experiences
- Analyse archaeological features and materials (pottery, architecture, metal, bone, and ivory objects) at an advanced level
- Demonstrate critical thinking in the interpretation of the archaeological data
- Synthesize and communicate acquired knowledge and understanding to produce critical analytical reports

e-Portfolio

Assessment Type ¹: Portfolio

Indicative Time on Task ²: 20 hours

Due: **Week 12; 29/05/22**

Weighting: **30%**

Working individually, produce a short multimedia piece. This piece provides an opportunity to express your learning experience in a personalised, creative way.

On successful completion you will be able to:

- Acquire knowledge of the principles of archaeological techniques and methods in a laboratory-environment
- Apply knowledge of archaeology while participating in scientific practical experiences
- Analyse archaeological features and materials (pottery, architecture, metal, bone, and ivory objects) at an advanced level
- Demonstrate critical thinking in the interpretation of the archaeological data
- Synthesize and communicate acquired knowledge and understanding to produce critical analytical reports

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Consult the Unit's iLearn site for weekly updates on delivery and resources.

Unit Schedule

Please consult the Unit's iLearn site for weekly updates on the Unit Schedule.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.s.mq.edu.au\)](https://policies.s.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/su\)](https://students.mq.edu.au/su)

[pport/study/policies](#)). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central](#) (<https://policies.mq.edu.au>) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.