

Stage Four Research Project

Module Code:	ARC7049-E
Academic Year:	2018-19
Credit Rating:	60
School:	School of Archaeological and Forensic Sciences
Subject Area:	Archaeology
FHEQ Level:	FHEQ Level 7 (Masters)
Module Leader:	Dr Andrew Wilson

Additional Tutors:

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Tutorials	12
Laboratory	288
Directed Study	300

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 2 (Feb - May)

Module Aims

Provide students with opportunity to apply chemical knowledge and laboratory skills in practical research project. Further develop professional skills including use of on-line literature/chemical data searching; ability to critically review relevant published literature and written/oral presentation of research activities.

Outline Syllabus

Students will choose a practical research project from a list of projects provided by the department or they will suggest one of their own. Students will: be guided in strategically planning their experimental work (Gantt Chart); carry out all appropriate COSHH assessments for all stages of their practical work; source and access relevant published work; be required to generate interim reports (both oral and written summaries); give an oral and poster presentation to staff and peers and submit a written research report on completion of the study. Students will be required to undertake a piece of assessed coursework related to their project study.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Select and use appropriate research equipment without supervision; critically appraise value of own work and that of peers; understand how to apply aspects of theoretical knowledge to data acquired through practical work.
- 2 Show evidence of having planned and conducted appropriate experiments in relation to project's objectives; interpret experimental data & draw appropriate conclusions; critically appraise findings and conclusions in relevant chemical literature.
- 3 Present your work in the form of research poster/orally in research colloquium/as comprehensive written report.

Learning, Teaching and Assessment Strategy

Students are expected to devote 600 hours to their dissertation. This is individual work on an original piece of research. You are required to work independently on your project, to seek advice or practical help when appropriate, with regular communication with your project supervisor(s).

You will be allocated a supervisor(s) who will provide practical support and guidance throughout the design, data collection, data analysis, discussion, summarising of findings and writing up of the final dissertation. Additional support will be provided by members of the technical staff. This will be achieved through formal tutorial meetings with your supervisor(s) (12 recommended) and other supervised activities appropriate to the research method employed. Individual supervision will allow you the opportunity to discuss your ideas, concerns and progress.

Formative feedback will be provided by the supervisor(s) on a draft of the thesis. Summative feedback will be provided as a written examiners' report on the final submitted thesis.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Presentation	Poster presentation		15%	No

Summative	Presentation	Oral presentation	15 minutes	15%	No
Summative	Coursework	Written research reports and practical assessment	-9000 words	70%	Yes

Legacy Code (if applicable)

Reading List

To view Reading List, please go to [rebus:list](#).