

BS378-30 Research Project

20/21

Department

Life Sciences

Level

Undergraduate Level 3

Module leader

Daniel Franklin

Credit value

30

Module duration

6 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

BS378-30 Research Project

[Module web page](#)

Module aims

The aim of the module is to give students the opportunity to utilise the research and evaluation skills developed throughout years 1,2,and 3 in order to produce a substantial piece of research.

- Students complete a seminar based on their research project aimed at an educated lay audience.
- Students complete a research project which includes:
 1. A high quality scientific literature review of their chosen research field.
 2. Critical appraisal of source material- (including use of statistical knowledge covered during Year 1, 2 and 3 to appraise and evaluate published data)
 3. Construction of scientific arguments based on multiple sources
 4. Production of a scientific abstract
 5. Production of a discussion and conclusion which include evidence of independent thought and reasoning

6. Evidence of reflective practice (in the form of a longitudinal project diary).

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

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Learning outcomes

By the end of the module, students should be able to:

- On completing this module, students will be able to:LO1: Plan and engage in an independent and sustained critical investigation and evaluation of a chosen research topic
- LO2: Research and present an oral seminar presentation on the project topic
- LO3: Identify and appraise relevant scientific literature using on-line literature search engines, relate this to appropriate methodologies and draw appropriate conclusions
- LO4: Critically review relevant research papers
- LO5: Demonstrate core statistical understanding, through evaluation of published scientific data and/or datasets given at the start of the project or produced during the project
- LO6: Effectively construct scientific results and arguments, using multiple sources

Subject specific skills

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Transferable skills

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Study

Study time

Type	Required
Lectures	2 sessions of 1 hour (1%)
Private study	298 hours (99%)
Total	300 hours

Private study description

No private study requirements defined for this module.

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group A1

	Weighting	Study time
Seminar Presentation	20%	
Essay	80%	

Feedback on assessment

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Availability

Courses

This module is Core optional for:

- Year 3 of UIPA-C1L8 Undergraduate Life Sciences and Global Sustainable Development