

# BS341-24 Research Project

20/21

**Department**

Life Sciences

**Level**

Undergraduate Level 3

**Module leader**

Lorenzo Frigerio

**Credit value**

24

**Module duration**

6 weeks

**Assessment**

100% coursework

**Study location**

University of Warwick main campus, Coventry

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## Description

### Introductory description

BS341-24 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.

## 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

## Transferable skills

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## Study

### Study time

Type	Required
Lectures	2 sessions of 1 hour (1%)
Private study	238 hours (99%)
Total	240 hours

### Private study description

No private study requirements defined for this module.

## Costs

No further costs have been identified for this module.

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## Assessment

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

Students can register for this module without taking any assessment.

### Assessment group A1

	Weighting	Study time	Eligible for self-certification
Assessment component			
Essay/Coursework	100%		Yes (extension)

Reassessment component is the same

### Feedback on assessment

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## Availability

### Courses

This module is Core for:

- Year 3 of UBSA-C700 Undergraduate Biochemistry
- ULFA-C1A2 Undergraduate Biochemistry (MBio)
  - Year 3 of C1A2 Biochemistry
  - Year 3 of C700 Biochemistry
- Year 3 of ULFA-C1A6 Undergraduate Biochemistry with Industrial Placement (MBio)
- UBSA-3 Undergraduate Biological Sciences
  - Year 3 of C100 Biological Sciences
  - Year 3 of C102 Biological Sciences with Cell Biology
  - Year 3 of C103 Biological Sciences with Environmental Resources
  - Year 3 of C104 Biological Sciences with Microbiology

- Year 3 of C105 Biological Sciences with Molecular Genetics
  - Year 3 of C107 Biological Sciences with Virology
- Year 3 of ULFA-C1A1 Undergraduate Biological Sciences (MBio)
- Year 4 of ULFA-C113 Undergraduate Biological Sciences (with Placement Year)
- Year 3 of ULFA-C1A5 Undergraduate Biological Sciences with Industrial Placement (MBio)
- Year 3 of UBSA-C1B9 Undergraduate Biomedical Science
- ULFA-C1A3 Undergraduate Biomedical Science (MBio)
  - Year 3 of C1A3 Biomedical Science
  - Year 3 of C1B9 Biomedical Science
- Year 3 of ULFA-C1A7 Undergraduate Biomedical Science with Industrial Placement (MBio)