

# MD2A1-15 MD2A1-15 Integrated Science Tutorials

**21/22**

**Department**

Warwick Medical School

**Level**

Undergraduate Level 2

**Module leader**

Nicole Robb

**Credit value**

15

**Module duration**

23 weeks

**Assessment**

100% coursework

**Study location**

University of Warwick main campus, Coventry

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## Description

### Introductory description

MD2A1-15 Tutorials for Integrates Science students. This module will fit into the revised SLS Year 2 structure and run in parallel with SLS provision to specifically support MSci Integrated Science students who will take Year 2 and Year 3 modules in SLS.

### Module aims

This module extends the teaching of scientific writing to second year students. Students are expected to use mostly primary literature in preparing for these assessments. The module aims to extend student's ability to digest the primary literature on a variety of topics and to write in a scientific manner. This module will also provide Integrated Science students with additional support for other second year modules.

### 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.

Deconstructing a scientific paper - content of each section; labelling figures and drafting a figure legend; writing an abstract; making a graphical abstract; limitations and critical discussion  
Feedback on writing tasks and essays  
Career discussion – what can I do with my degree, improving your CV  
Individual pastoral care

## Learning outcomes

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

- Write detailed and well-researched essays.
- Draft components of scientific papers and concisely summarise research findings
- Research topics in the literature.
- Learn how to critically analyse scientific papers.

## Subject specific skills

The students will apply integrated thinking across the sciences to topics related to infection dynamics, host and pathogen biology, and subjects relevant to Year 2 modules.  
Knowing how to structure a scientific paper, write individual sections, abstract and title. Research and critically assess primary literature and compose an essay in the form of a scientific paper.

## Transferable skills

Time management, adult learning, self-directed learning

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## Study

### Study time

Type	Required
Tutorials	12 sessions of 1 hour (8%)
Private study	18 hours (12%)
Assessment	120 hours (80%)
Total	150 hours

### Private study description

138 hours of private study to prepare for tutorial sessions and assessments.

## 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.

### Assessment group A

	<b>Weighting</b>	<b>Study time</b>
Essay	60%	80 hours
Tutorial Submissions	40%	40 hours

Collection of short academic writing pieces on specific tutorial tasks such as deriving abstract from figures or text of a paper, suggesting suitable title from abstract and figures of a paper, composing figure captions etc

### Feedback on assessment

Verbal feedback will be provided in tutorials on individual tutorial submissions by peers and the tutor. Essay and portfolio will be assessed and written feedback provided by the tutor.

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## Availability

### Courses

This module is Core for:

- Year 2 of UMDA-CF10 Undergraduate Integrated Natural Sciences (MSci)