

## MODULE DESCRIPTOR

### Module Title

Current Trends in Biomedical Science

Reference	AS4904	Version	2
Created	August 2017	SCQF Level	SCQF 10
Approved	May 2011	SCQF Points	15
Amended	August 2017	ECTS Points	7.5

### Aims of Module

To provide students with the opportunity to undertake an independent investigation in an area of current interest in any of the biomedical science subject areas.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Research in depth an area of current interest in any biomedical science subject area (e.g. transfusion science, cytopathology, histopathology, clinical biochemistry, medical microbiology, haematology).
- 2 Critically appraise the literature and prepare an appropriate review.

### Indicative Module Content

Students will independently investigate a selected contemporaneous topic within the major biomedical science disciplines (e.g. transfusion science, cytopathology, histopathology, clinical biochemistry, medical microbiology, haematology).

### Module Delivery

This module will predominantly be delivered through student-centred activity. The investigation will be supported by directed reading with the emphasis placed on increasing autonomous development of the subject material under investigation.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	10	N/A
Non-Contact Hours	140	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

If a major/minor model is used and box is ticked, % weightings below are indicative only.

**Component 1**

Type: Coursework Weighting: 100% Outcomes Assessed: 1, 2  
 Description: Candidates are assessed through the submission of an independent dissertation thesis.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

The module is assessed as described in the Assessment Plan. To pass this module, candidates must achieve a Module Grade D or better.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	A mark of 70% or better.
<b>B</b>	A mark of between 60-69%.
<b>C</b>	A mark of between 50-59%.
<b>D</b>	A mark of between 40-49%.
<b>E</b>	MARGINAL FAIL. A mark of between 35-39%.
<b>F</b>	FAIL. A mark of 34% or lower.
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	Students should have a sound working understanding of the subjects covered at earlier Stages of the course.
Corequisites for module	None.
Precluded Modules	None.

**ADDITIONAL NOTES**

Reference material will consist of scientific papers and reviews published in relevant peer-reviewed journals.

**INDICATIVE BIBLIOGRAPHY**

- 1 RUDESTAM, K.E. and NEWTON, R.R., 2007. *Surviving Your Dissertation: A comprehensive guide to content and process*. 3rd Ed.: Sage Publications Inc.
- 2 BREACH, M., 2008. *Dissertation Writing for Engineers and Scientists*. Prentice Hall