

<b>Module Title</b>	Reference AS4904
<b>Current Trends in Biomedical Science</b>	SCQF SCQF
	Level 10
	SCQF Points 15
	ECTS Points 7.5
<b>Keywords</b>	Created April 2011
Dissertation, Critical Appraisal, Literature Survey	Approved May 2011
	Amended
	Version No. 1

## **This Version is No Longer Current**

The latest version of this module is available [here](#)

### **Prerequisites for Module**

Students should have a sound working understanding of the subjects covered at earlier Stages of the course.

### **Corequisite Modules**

None.

### **Precluded Modules**

None.

### **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**

### **Mode of 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.

### **Assessment Plan**

	Learning Outcomes Assessed
Component 1	1,2

Students performance in this module is assessed entirely through the submission of a dissertation thesis. Students will cover an independent subject.

### **Indicative Bibliography**

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).

### **Indicative Student Workload**

<i>Contact Hours</i>	Full Time
Lectures	2
Monitoring of progress	8
 <i>Directed Study</i>	
Directed study	30
 <i>Private Study</i>	
Private study	110

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

### **Additional Notes**

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