Module Title **Current Trends in Bioscience** **Keywords** Dissertation, Critical Appraisal, Literature Survey	Reference AS4906 SCQF SCQF Level 10 SCQF Points 15 ECTS Points 7.5 Created May 2002 Approved May 2011 Amended May 2008 Version No. 1

This Version is No Longer Current

The latest version of this module is available here

Prerequisites for Module

Students should be familiar with the content of all Stage 2 and Stage 3 modules or their equivalents.

Corequisite Modules

None.

Precluded Modules

None.

Aims of Module

To provide students with the ability to investigate and critically appraise an area of current interest in biology and/or DNA technology.

Mode of Delivery

This module will be principally delivered through student-centred activity. Studies will be supported by directed reading, tutorials and keynote lectures (including visiting speakers).

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2

Students performance in this module is assessed entirely by a dissertation. Students will cover an independent area.

Indicative Bibliography

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 biology and/or DNA technology.
2. Appraise the literature and prepare a critical review.

Indicative Module Content

Students will individually study a selected area of current interest in biology and/or DNA technology, which may include specialist areas not covered previously on the course.

Indicative Student Workload

Contact Hours	Full Time
Keynote Lectures/Seminars	10
Progress Monitoring	5
Private Study	
Private Study	135

1. EBEL, H., BLIEFERT, C. and RUSSEY, W., 2004. *The Art of Scientific Writing: From Student Reports to Professional Publications in Chemistry and Related Fields. 2nd, completely rev.ed. Wiley-VCH.*
2. O'CONNOR, M., 1991. *Writing Successfully in Science*. Chapman and Hall.
3. RUDESTAM, K.E. and NEWTON, R.R., 2007. *Surviving your Dissertation: A Comprehensive Guide to Content and Process. 3rd ed. Sage.*
4. MATTHEWS, J.R. and MATTHEWS, R.W., 2008. Successful Scientific Writing: A Step-by-Step Guide for the Biological and Medical Sciences. 3rd Ed. Cambridge University Press.

Additional Notes

The reference material will consist of papers published in related journals and specialist reviews relevant to the dissertation title.