

MODULE DESCRIPTOR

Module Title

Honours Research Project

Reference	AS4099	Version	8
Created	August 2019	SCQF Level	SCQF 10
Approved	July 2002	SCQF Points	45
Amended	August 2019	ECTS Points	22.5

Aims of Module

To provide a vehicle for students to demonstrate initiative and ability in the planning, execution and critical appraisal of an independent subject related, research based project centred on data generation.

Learning Outcomes for Module

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

- 1 Devise a plan of work appropriate to the specified project brief.
- 2 Work independently to acquire data and utilise the appropriate skills and knowledge base.
- 3 Prepare a comprehensive scientific report on the work undertaken which includes a critical evaluation of the data generated and interpretation of the significance of the findings obtained.
- 4 Unambiguously present and defend the findings of the work in the form of a poster presentation to an audience at an appropriate level of detail.

Indicative Module Content

An independent subject-related, research based project centered on data generation.

Module Delivery

Project work is a student centred activity involving laboratory work or an other investigative activity.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	37	N/A
Non-Contact Hours	413	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	450	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: 15% Outcomes Assessed: 1, 2
 Description: Practical laboratory work.

Component 2

Type: Coursework Weighting: 65% Outcomes Assessed: 3
 Description: Project report.

Component 3

Type: Coursework Weighting: 20% Outcomes Assessed: 4
 Description: Poster presentation.

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

This module is assessed using the three components of assessment as detailed 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:
A	Final aggregate mark of 70% or greater and a minimum of 40% in C1, C2, and C3
B	Final aggregate mark of between 60-69% and a minimum of 40% in C1, C2 and C3
C	Final aggregate mark of between 50-59% and a minimum of 40% in C1, C2 and C3
D	Final aggregate mark of between 40-49% and a minimum of 40% in C1, C2 and C3
E	MARGINAL FAIL. Final aggregate of between 35-39% and a minimum of 35% in C1, C2 and C3
F	FAIL. A mark of less than 35% in either component
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Students should be familiar with the theory and practice appropriate to their named award.
Corequisites for module	None.
Precluded Modules	None.

ADDITIONAL NOTES

All students will undertake an individualised research project which is appropriate to their chosen degree course. The reference material will consist of papers published in related journals and specialist reviews and which are relevant to each individual project.

INDICATIVE BIBLIOGRAPHY

- 1 MATTHEWS, J.R. and MATTHEWS, R.W. *Successful Scientific Writing: A Step-by-Step Guide for the Biological and Medical Sciences*. Current Edition. Cambridge University Press.
- 2 WEYERS, J., REED, R., JONES, A. and HOLMES, D. *Practical Skills in Biomolecular Sciences*. Current Edition. Benjamin Cummings.
- 3 YOUNG, M. *The Technical Writer's Handbook: Writing with Style and Clarity*. Current Edition. University Science Books.
- 4 BREACH, M. *Dissertation Writing for Engineers and Scientists*. Current Edition. Prentice Hall.