MODULE DESCRIPTOR

Module Title

Biomedical Science: Honours Research Project

Reference	AS4599	Version	3
Created	June 2022	SCQF Level	SCQF 10
Approved	February 2018	SCQF Points	45
Amended	July 2022	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 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 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 idependent subject-related, research based project centered on data generation.

Module Delivery

Project work is a student centred activity involving laboratory work or 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
Actual Placement hours for professional, statutory or regulatory body		

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ASSESSMENT PLAN

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

Component 1

Type:	Coursework	Weighting:	60%	Outcomes Assessed:	1, 3
Description:	Project planning and project report.				

Component 2

Type:	Practical Exam	Weighting:	40%	Outcomes Assessed:	2, 4
Description:	Practical laboratory work and poster presentation.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The first grade represents Component 1 (CW1) weighted as major and the second, Component 2 (PE1), weighted as minor. A minimum of Module Grade D is required to pass the module, with compensation of grade E in C1 or C2 permitted. Non-submission of either component will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
A	AA, AB
B	AC, AD, BA, BB, BC, CA
C	AE, BD, BE, CB, CC, CD, DA, DB, EA
D	CE, DC, DD, DE, EB, EC
E	AF, BF, CF, DF, ED, EE, EF, FA, FB, FC, FD
F	FE, FF
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of Stage 3 of the course, or equivalent.
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.

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INDICATIVE BIBLIOGRAPHY

1	MATTHEWS, J.R. and MATTHEWS, R.W. *Successful Scientific Writing: A Step-by-Step Guide for the Biological and Medical Sciences.* 4th Edition, 2014. Cambridge University Press.
2	WEYERS, J., REED, R., JONES, A. and HOLMES, D. *Practical Skills in Biomolecular Sciences.* 5th Edition, 2017. Benjamin Cummings.
3	YOUNG, M. *The Technical Writer's Handbook: Writing with Style and Clarity*. 1989. University Science Books.
4	BREACH, M. *Dissertation Writing for Engineers and Scientists.* 2009. Prentice Hall.