

## MODULE DESCRIPTOR

### Module Title

MSc Project

Reference	ASM023	Version	8
Created	May 2022	SCQF Level	SCQF 11
Approved	December 2004	SCQF Points	60
Amended	June 2022	ECTS Points	30

### Aims of Module

To enable the student to critically evaluate appropriate scientific techniques and generate data in the course of autonomous research. Demonstrate competence in an extended research programme and the defence of their written MSc thesis. Also to enable the student to communicate and defend their work via podium presentation.

### Learning Outcomes for Module

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

- 1 Evaluate data and results from an extended independent programme of laboratory based research to produce a thesis.
- 2 Undertake research with minimal supervision.
- 3 Critically appraise the work done in the form of a thesis including relating conclusions to relevant theory and other published work in the field.
- 4 Demonstrate competence in oral defence of the project.

### Indicative Module Content

The project plan was developed as part of module ASM022 Project Preparation (MSc) and applied within module ASM023 MSc Project. The work is an extended period in a laboratory carrying out appropriate research on the given topic. The research will be presented as an MSc thesis and defended.

### Module Delivery

The practical work will be carried out in an appropriate laboratory. Meetings with allocated supervisory staff will be no less than once per week. Laboratory work will be supported by designated laboratory staff.

Indicative Student Workload	Full Time	Part Time
Contact Hours	200	200
Non-Contact Hours	400	400
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	600	600
Actual Placement hours for professional, statutory or regulatory body		

## ASSESSMENT PLAN

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

### Component 1

Type:	Coursework	Weighting:	70%	Outcomes Assessed:	1, 2, 3
Description:	A Scientific paper.				

### Component 2

Type:	Practical Exam	Weighting:	30%	Outcomes Assessed:	4
Description:	Oral defence.				

## MODULE PERFORMANCE DESCRIPTOR

### Explanatory Text

The first grade represents Component 1 (CW1) weighted as major and the second, Component 2 (EX1), weighted as minor. A minimum module grade of D is required for a pass, with compensation of grade E in Component 1 or Component 2 permitted. Non-submission of either component will result in an NS grade.

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

## Module Requirements

Prerequisites for Module	Successful completion of PgDip.
Corequisites for module	None.
Precluded Modules	None.

## ADDITIONAL NOTES

In respect of practical investigations, the safe working practice of the Institution in which the work is being done must be followed, and students must always follow procedures agreed in advance with the supervisors.

**INDICATIVE BIBLIOGRAPHY**

- 1 Young, M. (2003). The technical writer's handbook - writing with style and clarity, University Science.
- 2 Rowe, P. (2015). Essential statistics for the pharmaceutical sciences, 2nd edition, Wiley.
- 3 Subject specific literature as advised by project supervisor, this will include mainly recent journal publications.