

## MODULE DESCRIPTOR

### Module Title

MSc Project			
Reference	PLM308	Version	1
Created	February 2023	SCQF Level	SCQF 11
Approved	March 2023	SCQF Points	60
Amended	June 2022	ECTS Points	30

### Aims of Module

To enable the student to critically evaluate appropriate scientific techniques, generate data in the course of autonomous research and articulate the results in a competent and appropriate manner.

### Learning Outcomes for Module

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

- 1 Critically evaluate data and results from an extended independent programme of laboratory based research.
- 2 Produce a scientific paper including conclusions based on relevant theory and other published work in the field.
- 3 Take responsibility for the conclusions through appropriate defence presentation.

### Indicative Module Content

The project plan was developed as part of module PLM307 Project Preparation (MSc) and applied within module PLM308 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 a scientific paper 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
<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: 70% Outcomes Assessed: 1, 2  
 Description: A Scientific paper.

**Component 2**

Type: Practical Exam Weighting: 30% Outcomes Assessed: 3  
 Description: Oral defence.

**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 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. Second edition. 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.