

MODULE DESCRIPTOR

Module Title

Project			
Reference	PL4603	Version	1
Created	October 2023	SCQF Level	SCQF 10
Approved	July 2002	SCQF Points	45
Amended	September 2023	ECTS Points	22.5

Aims of Module

To enable students to undertake independent research and report their findings thereby illustrating their ability to analyse, synthesise and evaluate a research based project.

Learning Outcomes for Module

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

- 1 Work independently to acquire and develop the appropriate skills and knowledge base required for research.
- 2 Compose a comprehensive report on the work undertaken, including a critical evaluation of the significance of the findings obtained.
- 3 Communicate and justify the findings of the work in the form of an oral presentation.

Indicative Module Content

Independent research-based project in a selected area of Forensic or related science. This module aligns with United Nations Sustainable Development Goal 13: Climate Action promoting consideration to cleaner and less polluting practices.

Module Delivery

Project Work is a student centred activity involving laboratory work or other investigative activity and is supplemented with tutorials.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	173	N/A
Non-Contact Hours	277	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: 60% Outcomes Assessed: 1, 2
 Description: A report in the form of a scientific paper.

Component 2

Type: Practical Exam Weighting: 40% Outcomes Assessed: 3
 Description: Poster presentation and defence.

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The first grade represents Component 1 (Scientific paper) weighted as major and the second, Component 2 (Poster presentation) weighted as minor. A minimum Module Grade of D is required to pass, with compensation of grade E in Component 1 or Component 2 permitted.

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 Forensic and Analytical Science or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- EBEL, H., BLIEFERT, C. AND RUSSEY, W. *The Art of Scientific Writing: From Student Reports to Professional Publications in Chemistry and Related Fields*. Current Edition. Wiley-VCH.
- RUDESTAM, K.E. AND NEWTON, R.R. *Surviving your Dissertation: A Comprehensive Guide to Content and Process*. Current Edition. Sage Publications.
- O'CONNOR, M. *Writing Successfully in Science*. Current Edition. E & FN Spon.
- Papers published in Forensic Science related journals and specialist reviews.
- LANGFORD, A., DEAN, J, REED, R., HOLMES, D., WEYERS, J. AND JONES, A. *Practical Skills in Forensic Science*. Current Edition. Pearson Education Ltd.
- DEAN, R.R., JONES, A.M., HOLMES, D., REED, R., WEYERS, J. AND JONES, A. *Practical Skills in Chemistry*. Current Edition. Pearson Education Ltd.