

## MODULE DESCRIPTOR

### Module Title

Project			
Reference	AS4049	Version	11
Created	April 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.

### 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:
<b>A</b>	AA, AB
<b>B</b>	AC, AD, BA, BB, BC, CA
<b>C</b>	AE, BD, BE, CB, CC, CD, DA, DB, EA
<b>D</b>	CE, DC, DD, DE, 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 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.