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MODULE DESCRIPTOR

Module Title

Interpretation, Evaluation and Presentation of Evidence

Reference	AS4083	Version	3
Created	June 2022	SCQF Level	SCQF 10
Approved	March 2018	SCQF Points	30
Amended	August 2022	ECTS Points	15

Aims of Module

To provide students with the skills and knowledge to assess, interpret and present scientific data in the legal context.

Learning Outcomes for Module

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

- 1 Assess, interpret and evaluate analytical data in the forensic context.
- 2 Interpret and evaluate in writing the results of the forensic science examinations
- 3 Communicate effectively the evaluations of the forensic science report in a courtroom setting

Indicative Module Content

Continuity of evidence. Interpretation and statistical analysis of analytical data as evidence, including Bayesian statistical evaluations. Prosecutor's fallacy. Potential pitfalls of DNA profiling; profile interpretation, sample problems, physical problems. Casework related experimentation, use of databases, frequency of occurrence. Ethical considerations and potential quality control issues (e.g. cognitive bias) in forensic practice. Written and verbal presentation of evidence to lawyers, investigating officers and courts.

Module Delivery

This is a lecture based module supplemented with tutorials, case studies and guided reading. External practitioners/experts may be involved in the delivery of material.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	50	N/A
Non-Contact Hours	250	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	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: 2, 3
 Description: A written formal court report and cross examination in the Moot court.

Component 2

Type: Practical Exam Weighting: 40% Outcomes Assessed: 1
 Description: Written class test on evaluation of evidence

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

This module is assessed using the two components of assessment as detailed in the Assessment Plan. A minimum module grade of D is required for a pass, with compensation of grade E in Component 1, Component 2 or Component 3 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 Forensic and Analytical Science or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 ROBERTSON, B. et al. *Interpreting Evidence: Evaluating Forensic Science in The Courtroom*. Current Edition. Wiley.
- 2 TOWNLEY, L. AND EDE, R. *Forensic Practice in Criminal Cases*. Current Edition. The Law Society.
- 3 JAMES, S.H., NORDBY, J.J. and BELL, S. *Forensic Science: An Introduction to Scientific and Investigative Techniques*. Current Edition. CRC Press: Boca Raton.
- 4 JACKSON, G., AITKEN, C. and ROBERTS, P. *Practitioner Guide No. 4 - Case Assessment and Interpretation of Expert Evidence: Guidance for Judges, Lawyers, Forensic Scientists and Expert Witnesses*. 2015. Royal Statistical Society.