Module Proforma

Approved, 2022.02

Summary Information

Module Code	6101FSBMOL
Formal Module Title	Advanced Forensic Methods
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Helen Burrell	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Theresia Ralebitso Senior	Yes	N/A
Nicholas Dawnay	Yes	N/A
Kehinde Ross	Yes	N/A
Kayleigh Sheppard	Yes	N/A
Amanda Boddis	Yes	N/A
Giles Watts	Yes	N/A
Colin Robinson	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings

Teaching Responsibility

LJMU Schools involved in Delivery
Pharmacy & Biomolecular Sciences

Learning Methods

Learning Method Type	Hours
Lecture	29
Practical	6
Workshop	20

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To provide students with a thorough knowledge of advanced types of crime scene investigation. To introduce new and novel research in forensic science and to be able to use advanced statistical methods for evaluating forensic evidence.

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Critically evaluate current methods of serious crime scene investigation including good practice and current literature/case studies.
MLO2	Critically review current literature from a range of forensic science areas
MLO3	Apply statistical analysis to different types of evidence

Module Content

Outline Syllabus
Lectures on topics such as death and fire investigation, principles and methodology.Statistical tests appropriate to forensic science including case studies and different evidence types. Practical sessions to give student the opportunity to use new techniques. This module includes the use of case studies and tabletop exercises.

Module Overview
The aim of this module is to provide you with thorough knowledge of advanced types of crime scene investigation and to introduce new and novel research in forensic science and to be able to use advanced statistical methods for evaluating forensic evidence.

Additional Information
This module looks at advanced level crime scene analysis and recent advances in analysis techniques applicable to forensic science. It extends the basic concepts and methods previously introduced to the level required by the professional forensic scientist. Skills developed during this module include: analysing and solving problems, critical appraisal of literature, written communication, numerical reasoning, information and communication technology, as well as subject-specific skills. A number of developing forensic science areas will be discussed in relation to the current literature.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	Portfolio	100	0	MLO2, MLO3, MLO1