

## Module Specification

### Module Summary Information

<b>1</b>	<b>Module Title</b>	Issues in Criminal Investigation: Forensic Science
<b>2</b>	<b>Module Credits</b>	20
<b>3</b>	<b>Module Level</b>	5
<b>4</b>	<b>Module Code</b>	CRI5071

<b>5</b>	<b>Module Overview</b>
<p>This module considers the different forms of forensic evidence and the variety of methods and practices of forensic science. It explores the theories and academic debates surrounding current practice and examines the value of forensic evidence in criminal investigations.</p> <p>The module will provides knowledge and critical understanding of the forensic sciences and their use within criminal investigation. As such, it should deliver an important background knowledge and comprehension to students seeking a career in policing or other spheres involving investigation or, in areas of employment that require the critical understanding of the conclusions that might be drawn from investigatory processes.</p> <p>Teaching in this module is carried out by way of weekly lectures and weekly seminars, with individual guidance and assistance being available to learners in the research and preparation of their work. The module consists of lectures as outlined in the Lecture Programme. The lectures provide a basic framework and background to the subject and need to be supplemented by reading from the core texts and further reading. There is particular emphasis on the effectiveness of oral work, the ability to engage in lively debate and the development of independent research. Seminar topics have been carefully chosen to promote discussion, through class debates, group exercises and the use of selected media, therefore, you are strongly recommended to prepare for seminars by doing background reading and research where indicated. Emphasis is placed throughout on active and participative learning in small groups.</p>	

<b>6</b>	<b>Indicative Content</b>
<ul style="list-style-type: none"> <li>• Week 1 -- Introduction – Module overview</li> <li>• Crime Scene</li> <li>• Trace and Contact</li> <li>• Entomology</li> <li>• Archaeology, Anthropology &amp; Ecology</li> <li>• Blood Pattern Analysis</li> <li>• DNA or Toxicology</li> <li>• Evidence in Court</li> <li>• Fire investigations</li> <li>• Explosions and Firearms</li> <li>• Digital Forensics</li> </ul>	

<b>7</b>	<b>Module Learning Outcomes</b>	
	<b>On successful completion of the module, students will be able to:</b>	
	<b>1</b>	Understand the different forms of forensic evidence that might be available at the crime scene and the different forms of collection procedures and scientific analysis which might be required to make this evidence available.
	<b>2</b>	Demonstrate a critical understanding of the strengths and weaknesses of alternative types of forensic evidence and science in criminal investigations.
	<b>3</b>	Apply a critical awareness of the issues and concerns that might be raised by the collection, storing, analysis and use of forensic evidence.
	<b>4</b>	Engage with core information and have the ability to present findings in a clear and involved manner.

<b>8</b>	<b>Module Assessment</b>		
<b>Learning Outcome</b>			
	<b>Coursework</b>	<b>Exam</b>	<b>In-Person</b>
<b>1,2,3,4</b>	<b>X</b>		<b>X</b>

<b>9</b>	<b>Breakdown Learning and Teaching Activities</b>	
<b>Learning Activities</b>	<b>Hours</b>	
<b>Scheduled Learning (SL)</b> includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	35	
<b>Directed Learning (DL)</b> includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	55	
<b>Private Study (PS)</b> includes preparation for exams	110	
<b>Total Study Hours:</b>	200	